Historical Streamflow Summary

Yukon and Northwest Territories

Sommaire chronologique de l'écoulement

Yukon et Territoires du Nord-Ouest

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INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1983

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1983

Canada

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

75

1908-1983

One of the primary roles of the Water Resources Branch, Environment Canada, is to maintain a systematic hydrometric survey program across the nation. This survey involves the measurement of the flow and level of water in rivers, streams and lakes, as well as compilation, analysis and publication of the data. During 1983 the Water Resources Branch will be celebrating 75 years of dedication and service to the hydrologic community.

The history of the hydrometric survey in Canada can be traced back to 1894 when some stream measurement was done in connection with irrigation surveys. However, it was not until 1908, when Parliament made its first specific appropriation for gauging streams and determining the water supply in southern Alberta and Saskatchewan, that the Hydrographic Survey was founded. The year 1911 saw the establishment of the Dominion Water Power Branch, which consolidated the hydrometric survey program already in operation for irrigation requirements, the water power investigation under way on the Winnipeg and Bow rivers, and the administration of water power on Dominion lands. In 1913 and subsequent years, arrangements were made with the provincial governments across Canada to continue the hydrometric survey program under the Dominion Water Power Branch, while passing the administration of nearly all water resources to the provinces.

In 1975 federal-provincial agreements were established which recognized that water quantity data may be collected to meet federal needs, provincial needs, or both. According to the agreements, the operation of the networks would be provided on a shared cost basis according to each party's needs.

The Dominion Water Power Branch has undergone numerous changes of name over the 75-year period, but a systematic program for the collection and publication of hydrometric data has remained. Today the program spans the nation, with data being collected at nearly 3500 different locations. The results are made available in annual publications and more recently, in a form suitable for computers. The program is being improved constantly to ensure a continued high calibre of service to the people of Canada.

L'une des principales fonctions de la Direction des ressources en eau d'Environnement Canada consiste à gérer un programme systématique de relevés hydrométriques partout au pays. Ces relevés comprennent la mesure du débit et du niveau de l'eau dans des cours d'eau et des lacs ainsi que le rassemblement, l'analyse et la publication des données. En 1983, la Direction des ressources en eau célébrera ses 75 ans de dévoués services aux hydrologistes.

Les premiers relevés hydrométriques au Canada remontent à 1894; on effectua alors certaines mesures dans des cours d'eau pour faire des relevés se rapportant à l'irrigation. Cependant, ce n'est qu'en 1908, année où le Parlement vota pour la première fois des crédits pour jauger des cours d'eau et calculer l'approvisionnement en eau dans le sud de l'Alberta et de la Saskatchewan, que les Relevés hydrographiques furent créés. L'année 1911 vit la mise sur pied des Services des forces hydrologiques du Dominion, qui réunissaient le programme déjà en cours de relevés hydrométriques à des fins d'irrigation, l'étude de l'aménagement hydro-électrique des rivières Winnipeg et Bow, qui était en cours, et la gestion des ressources hydro-électriques des terres du Dominion. En 1913 et au cours des années qui suivirent, des ententes furent conclues avec les gouvernements provinciaux en vertu desquelles le programme de relevés hydrométriques serait poursuivi sous l'autorité des Services des forces hydrologiques du Dominion, tandis que la gestion de presque toutes les ressources en eau irait aux provinces.

En 1975, les gouvernements fédéral et provinciaux conclurent des accords stipulant que des données sur le débit des eaux pouvaient être recueillies pour répondre aux besoins du fédéral ou des administrations provinciales, les coûts étant partagés entre chaque partie en proportion de ses besoins.

Les Services des forces hydrologiques du Dominion ont changé plusieurs fois de nom depuis 75 ans, mais il y a toujours eu un programme systématique de collecte et de publication des données hydrométriques. Aujourd'hui, le programme s'étend à tout le pays, et des données sont recueillies dans presque 3500 stations différentes. Les résultats paraissent dans des publications annuelles et, depuis quelque temps, ils sont présentés de façon à être traités par informatique. Le programme est amélioré pour que les Canadiens puissent profiter constamment d'un service de haute qualité.

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chef des programmes des T.N.-O. Yellowknife (T.N.-O.) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean discharges and annual extremes of discharge for rivers in the Yukon and Northwest Territories for which streamflow data to 1982 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Discharge data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Chief, N.W.T. Programs,
Inland Waters Directorate,
Department of the Environment,
P.O. Box 2970,
Yellowknife, N.W.T.
X1A 2R2

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 West Pender Street,
Vancouver, B.C.
V6E 2M9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles de l'écoulement et des extrêmes annuels de cours d'eau du Yukon et des Territoires du Nord-Ouest, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1982 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur l'écoulement sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O.
Direction générale des eaux intérieures
Ministère de l'Environnement
C.P. 2970
Yellowknife (T.N.-O.)
X1A 2R2

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
502 - 1001, rue Pender ouest
Vancouver (C.-B.)
V6E 2M9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation as early as 1934, but it was not until 1944 that the Dominion Water and Power Bureau of the federal government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the federal government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies who have contributed data for publication are identified herein under individual stations.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris son programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1^er^ avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.068 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.068 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 280 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 280 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île du Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication

presented in the International System of Units (SI) and published every two years. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). The 1983 edition will be the last hard copy edition; subsequent editions will be published every two years on microfiche only. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey

pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). L'édition de 1983 sera la dernière édition imprimé sur papier; les éditions suivantes seront disponibles tous les deux ans sur microfiche seulement. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données

of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new two-year publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). Publications were not produced in 1980 or 1982, but beginning with the 1983 edition, future editions will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). Il n'y a pas eu de publications en 1980 ni en 1982, mais à partir de 1983, les éditions vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

EXPLANATION OF HISTORICAL STREAMFLOW SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean discharges. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical streamflow data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Streamflow Summary publications contain data for both active and discontinued streamflow stations and do not contain any water level data. These publications will be published every two years and will contain data for all streamflow stations for the entire period of record not just the data for the intervening two years.

B. Method of Tabulation of Data

For gauging stations where systematic streamflow data have been obtained, the following are given for the period of record to 1982 inclusive:

1. Summary of monthly and annual mean discharges;
2. Annual maximum instantaneous discharges;

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DE L'ÉCOULEMENT*

A. Description générale

Sous ce titre on trouve les renseignements descriptifs pour une station de relevés de l'écoulement, qui sont fournis après l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur l'écoulement, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique de l'écoulement* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le niveau des eaux n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés de l'écoulement pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique de l'écoulement, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1982 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;

3. Annual maximum and minimum daily discharges;

4. Identification of the extreme recorded for the period of record;

5. Annual total discharge in cubic decametres.

The following standard symbols are used opposite the daily discharge to which they apply. These symbols will not appear opposite the monthly and annual mean discharges, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical discharge data base after January 1, 1980.

1. *The summary of monthly and annual mean discharge* gives:

(a) the monthly mean in cubic metres per second for each month for which there is a complete month of daily discharges. Records of daily discharges for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

(b) the annual mean discharge in cubic metres per second if there are daily discharges for the complete year. In some cases a mean discharge is computed for a standard period within the year, say March to October. This is then computed for all the years for which there are daily discharge records from March to October, if there are also records for other months, say January to October, the mean is given for March to October only;

(c) the mean of all the monthly means;

(d) the mean of all the annual or standard period means.

3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;

4. Un tableau des valeurs extrêmes enregistrées pour toute la periode d'observation;

5. Un résumé de l'écoulement annuel total en décamètres cubes.

Les symboles normalisés donnés ci-après sont inscrits à côté des débits quotidiens auxquels ils se rapportent. Les symbols ne sont fournis ni avec les débits moyens mensuels, ni avec les débits moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des débits après le 1er janvier 1980.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean discharges) donne:

(a) la moyenne mensuelle, exprimée en mètres cubes par seconde, des valeurs quotidienne de l'écoulement pour le mois entier. Pour les stations où on n'a mesuré l'écoulement quotidien que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

(b) la moyenne annuelle, en mètres cubes par seconde, pour les stations où on a obtenu des relevés quotidiens pour une année entière. Dans certains cas, la moyenne est calculée pour une période bien définie de l'année, par exemple pour mars à octobre. On donne donc la moyenne annuelle des relevés quotidiens effectués pour cette même période de l'année. S'il existe des données pour une autre partie de l'année, telle que pour janvier à octobre, la moyenne n'est toujours fournie que pour la période bien définie de mars à octobre;

(c) la moyenne de toutes les moyennes mensuelles;

(d) la moyenne de toutes les moyennes annuelles ou de toutes les moyennes pour une période bien définie.

2. *The annual maximum instantaneous discharge* in cubic metres per second is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily discharges* in cubic metres per second are given for each year where daily discharges have been obtained for the entire year (or standard period within the year, e.g. March to October), or where they are considered to be valid for the year even though some daily discharges are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The annual total discharge* in cubic decametres is given for each year where daily discharges have been obtained for the entire year. If a standard period such as March to October has been selected, the figure applies to only those months, similar to the mean discharge in cubic metres per second.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1980 are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous discharge) exprimées en mètres cubes par seconde, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant le niveau quotidien.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily discharges), exprimées en mètres cubes par seconde, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière ou pour une période bien définie de l'année, par exemple pour mars à octobre, ou lorsqu'on considère que les valeurs sont valables pour toute l'année même si quelques débits quotidiens ne sont pas disponibles.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le résumé de l'écoulement annuel total* (The annual total discharge), en décamètres cubes, est indiqué pour les stations où on a fait des relevés quotidiens pour une année entière. Si on a choisi une période bien définie de l'année, par exemple de mars à octobre, la valeur n'a trait qu'à ces mois, tout comme la moyenne mensuelle, en mètres cubes par seconde.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1^er^ janvier 1980 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the daily records can be made by an examination of the distribution of the symbols A, B and E in the annual Surface Water Data publications.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données quotidiennes peut être appréciée par l'examen de la répartition des symboles A, B et E dans les publications annuelles des *Données sur les eaux de surface*.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by Region, therefore data for a particular province may include fiche from two or more Regions. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, Region, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région. Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

STREAMFLOW DATA/DONNÉES SUR L'ÉCOULEMENT

YUKON TERRITORY

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 08AA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	6.48	7.88	9.83	---	1980
1981	8.63	7.35	7.55	6.28	6.39	5.39	7.01	5.71	5.25	5.05	5.25	7.55	6.45	1981
1982	10.5	14.0	6.56	5.56	8.46	6.26	3.89	4.05	4.27	7.12	9.27	8.55	7.33	1982
MEAN	9.57	10.7	7.06	5.92	7.43	5.83	5.45	4.88	4.76	6.22	7.47	8.64	6.89	MEAN

LOCATION - LAT 61 11 04 N DRAINAGE AREA, 2 960 km²
LONG 136 59 24 W REGULATED SINCE 1974

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 08AA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	20.3 AT 09:13 YST ON JAN 20 *	12.3E ON JAN 1	3.41 ON MAY 27	204 000	1981
1982	---	14.6B ON JAN 25 *	3.37 ON JUN 26 *	231 000	1982
				218 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 08AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	38.2	18.0	---	11.5	7.82	4.72	3.51	---	1950
1951	3.23	2.81	2.48	3.40	5.54	12.0	17.2	9.86	8.15	6.37	4.44	4.06	6.65	1951
1952	3.57	3.18	2.46	2.27	7.94	27.2	19.5	15.3	14.8	11.9	8.46	6.12	10.2	1952
1953	4.31	3.46	3.30	4.09	16.1	22.0	24.7	22.4	26.9	18.5	13.4	9.28	14.1	1953
1954	5.80	4.98	4.43	3.98	23.5	29.5	36.0	26.1	23.9	19.7	12.2	7.18	16.5	1954
1955	6.21	6.17	5.70	5.43	14.3	38.2	33.2	26.7	20.6	15.7	9.88	5.52	15.7	1955
1956	4.28	4.20	4.17	7.11	16.4	27.6	26.0	18.6	15.6	11.9	8.95	5.02	12.5	1956
1957	4.12	3.80	3.62	5.15	25.1	43.1	29.6	23.7	20.0	16.4	11.1	7.88	16.2	1957
1958	5.75	5.41	5.23	4.75	11.3	12.9	6.16	7.08	9.94	6.74	4.85	4.40	7.05	1958
1959	3.70	3.05	2.66	2.88	20.7	39.2	24.8	25.0	26.6	22.1	14.6	---	---	1959
1960	---	---	---	---	26.9	33.1	30.7	26.5	24.7	19.8	12.1	8.50	---	1960
1961	7.65	6.65	6.00	5.66	19.2	31.4	20.3	15.0	12.5	10.1	6.51	4.67	12.2	1961
1962	3.96	3.11	2.61	2.61	14.9	70.5	42.1	32.5	24.6	19.0	13.6	7.91	19.8	1962
1963	6.80	6.23	5.66	5.38	31.0	50.1	65.3	41.7	34.2	25.2	18.3	10.9	25.2	1963
1964	7.65	6.29	5.18	4.89	13.5	60.1	33.8	35.4	30.2	21.1	11.3	6.98	19.7	1964
1965	6.30	6.03	5.73	6.06	15.1	22.9	19.7	12.7	11.6	11.9	7.19	5.93	11.0	1965
1966	4.38	3.49	3.43	6.23	9.28	40.5	26.6	22.3	18.8	14.0	9.32	7.18	13.8	1966
1967	5.88	4.53	3.80	4.35	22.5	58.4	42.4	35.0	31.1	20.2	14.5	7.19	20.9	1967
1968	6.53	6.46	5.61	5.97	26.4	18.5	29.4	28.7	28.3	19.9	15.3	11.9	17.0	1968
1969	6.00	4.36	4.58	6.65	20.5	24.6	16.5	26.3	32.3	24.2	11.4	10.3	15.7	1969
1970	4.69	3.10	3.00	3.48	14.5	20.7	17.1	12.2	12.4	9.69	6.35	4.51	9.34	1970
1971	4.14	3.52	2.82	2.70	8.52	27.2	14.1	13.4	12.4	9.65	6.16	4.53	9.12	1971
1972	3.66	3.55	3.00	2.86	17.1	34.2	26.8	27.2	19.9	14.6	8.74	6.40	14.0	1972
1973	4.50	4.93	4.05	4.21	12.1	26.7	26.9	29.4	28.9	19.7	10.9	9.48	15.2	1973
1974	6.71	5.51	4.56	4.38	17.3	23.7	15.3	13.7	12.4	4.52	3.46	3.16	9.57	1974
1975	3.27	2.69	2.35	2.98	15.4	27.3	33.0	43.4	60.4	31.3	13.0	10.9	20.6	1975
1976	10.1	8.18	8.94	4.18	12.7	44.0	57.8	25.6	9.08	8.14	7.83	8.93	17.2	1976
1977	8.58	8.80	10.2	11.2	13.4	31.1	22.4	15.8	14.1	13.2	13.5	14.2	14.7	1977
1978	13.5	12.0	10.9	9.94	14.7	22.7	14.6	14.7	11.2	8.95	10.5	12.8	13.0	1978
1979	15.0	12.5	12.0	11.5	20.7	28.2	14.9	11.9	16.2	11.9	10.6	9.61	14.6	1979
1980	8.99	10.9	11.1	7.53	13.3	17.4	12.0	11.6	11.9	10.0	9.19	13.9	11.5	1980
1981	7.09	8.70	6.73	7.22	20.6	18.5	12.6	10.3	12.8	13.2	8.52	9.52	11.3	1981
1982	12.6	9.86	8.07	7.57	20.1	35.6	11.4	13.2	8.89	9.08	8.08	9.84	12.9	1982
MEAN	6.42	5.76	5.30	5.37	16.9	31.9	25.5	21.7	19.9	14.7	9.97	7.87	14.2	MEAN

LOCATION - LAT 60 51 40 N DRAINAGE AREA, 4 300 km²
LONG 137 03 40 W REGULATED SINCE 1974

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 08AA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	58.9 ON JUN 10	---	---	1950
1951	---	70.2 ON JUL 3	2.44B ON MAR 12	210 000	1951
1952	---	44.5 ON JUN 16	2.24B ON MAR 20 *	324 000	1952
1953	---	42.5 ON MAY 24	2.89B ON MAR 22	444 000	1953
1954	---	79.9 ON JUL 10	3.85B ON APR 24	521 000	1954
1955	---	61.2 ON JUN 22	4.45B ON DEC 31	495 000	1955
1956	---	66.3 ON JUN 29	4.13B ON MAR 26	396 000	1956
1957	---	73.9 ON JUN 4	3.54B ON MAR 16	510 000	1957
1958	---	27.7 ON MAY 24	4.11B ON DEC 31	222 000	1958
1959	---	59.5 ON JUN 12	2.61B ON MAR 12	---	1959
1960	---	63.4 ON MAY 25	---	---	1960
1961	---	72.5 ON JUN 27	4.67B ON DEC 1	383 000	1961
1962	---	143 E ON JUN 20 *	2.61B ON MAR 1	626 000	1962
1963	---	87.8 ON JUL 11	5.38B ON APR 1	795 000	1963
1964	---	112 ON JUN 4	4.53B ON APR 3	623 000	1964
1965	---	46.4 ON MAY 31	4.98B ON DEC 31	346 000	1965
1966	---	94.0 ON JUN 20	2.94B ON MAR 16	436 000	1966
1967	---	104 ON MAY 31	3.60B ON MAR 28	658 000	1967
1968	---	137 ON MAY 22	4.59B ON MAR 17	537 000	1968
1969	79.3 AT 22:00 YST ON MAY 25	69.4 ON MAY 25	3.51B ON MAR 17	496 000	1969
1970	29.7 AT 02:29 YST ON JUN 8	28.6 ON JUN 8	2.69B ON MAR 3	295 000	1970
1971	58.3 AT 23:48 YST ON JUN 9	50.7 ON JUN 10	2.38B ON APR 10	288 000	1971
1972	92.6 AT 01:30 YST ON MAY 31	82.1 ON MAY 31	2.66B ON APR 3	444 000	1972
1973	75.0 AT 01:00 YST ON JUN 21	64.0 ON JUN 21	3.60B ON MAR 22	479 000	1973
1974	51.5 AT 00:55 YST ON JUN 1	47.0 ON JUN 1	2.97B ON DEC 17	302 000	1974
1975	81.8 AT 16:30 YST ON SEP 15	80.4 ON SEP 15	2.25B ON MAR 5	649 000	1975
1976	113 ON JUL 11 *	99.7 ON JUL 12	3.23B ON APR 3	543 000	1976
1977	82.4 AT 00:20 YST ON JUN 3	74.2 ON JUN 3	5.66B ON DEC 24	465 000	1977
1978	39.9 AT 23:53 YST ON JUN 4	35.4 ON JUN 7	3.82B ON DEC 2	411 000	1978
1979	64.0 AT 02:05 YST ON JUN 23	59.5 ON JUN 23	7.45B ON DEC 29	460 000	1979
1980	45.2 AT 01:15 YST ON JUN 7	40.5 ON JUN 7	5.24B ON APR 2	364 000	1980
1981	39.7 AT 04:39 YST ON MAY 28	38.5 ON MAY 28	4.33B ON DEC 25	357 000	1981
1982	74.5 AT 16:00 YST ON JUN 8	71.8 ON JUN 8	4.00B ON APR 10	406 000	1982
				450 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	558	463	---	---	---	---	1974
1975	32.2	30.2	29.9	36.8	151	362	866	519	401	177	39.0	33.9	225	1975
1976	32.3	29.4	29.2	25.1	---	---	---	---	---	---	52.9	52.1	---	1976
1977	44.5	42.4	41.9	50.4	115	437	717	880	289	87.1	47.8	38.7	234	1977
1978	32.7	28.9	26.9	41.5	118	318	545	576	251	104	54.9	45.1	180	1978
1979	36.9	30.6	34.5	45.5	129	375	706	685	399	171	89.7	56.7	232	1979
1980	38.6	30.9	27.6	37.7	130	446	637	495	205	126	61.0	38.8	190	1980
1981	37.1	39.3	40.3	41.3	207	361	628	629	259	161	73.5	40.1	211	1981
1982	28.2	22.8	27.0	36.7	59.1	413	622	557	287	104	55.0	44.0	190	1982
MEAN	35.3	31.8	32.2	39.4	131	387	674	612	319	133	59.2	43.7	209	MEAN

LOCATION - LAT 60 07 09 N   DRAINAGE AREA, 16 200 km^2
LONG 137 58 27 W   NATURAL FLOW

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	1 210 AT 20:30 YST ON JUL 13 *	1 130 ON JUL 13 *	28.3B ON MAR 5	7 090 000	1975
1976	---	---	---	---	1976
1977	1 100 AT 17:52 YST ON AUG 21	1 060 ON AUG 22	37.4B ON DEC 10	7 390 000	1977
1978	810 AT 22:02 YST ON AUG 3	784 ON AUG 3	26.2B ON MAR 27	5 670 000	1978
1979	835 AT 18:22 YST ON JUL 26	813 ON JUL 22	28.3B ON FEB 12	7 290 000	1979
1980	721 AT 20:58 YST ON JUL 13	702 ON JUL 23	23.4B ON APR 5	6 030 000	1980
1981	1 120 AT 18:48 YST ON AUG 9	1 090 ON AUG 10	31.0B ON DEC 31	6 670 000	1981
1982	924 AT 11:27 YST ON JUL 31	897 ON JUL 31	16.9B ON FEB 12 *	6 000 000	1982
				6 590 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	8.34	1.97	---	---	---	1976
1977	---	---	---	---	---	---	---	6.97	6.80	---	---	---	---	1977
1978	0	0	0	0	0.121	94.3	17.9	6.67	10.7	3.79	0.020	0	11.1	1978
1979	0	0	0	0	6.22	37.7	9.79	28.9	23.9	4.96	0.023	0	9.30	1979
1980	0	0	0	0	0.372	22.4	2.16	13.6	4.25	0.720	0.152	0	3.62	1980
1981	0	0	0	0	16.3	32.9	29.3	53.4	9.19	4.72	1.59	0	12.4	1981
1982	0	0	0	0	1.45	90.7	21.9	15.0	22.7	4.82	0	0	13.0	1982
MEAN	0	0	0	0	4.89	55.6	16.2	20.8	12.3	3.50	0.357	0	9.88	MEAN

LOCATION - LAT 68 50 22 N   DRAINAGE AREA, 1 510 km^2
LONG 138 40 05 W   NATURAL FLOW

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	680 AT 00:00 MST ON JUN 7 *	538A ON JUN 6 *	0B ON JAN 1 *	348 000	1978
1979	388 AT 06:00 MST ON AUG 28	305 ON AUG 28	0B ON JAN 1	293 000	1979
1980	---	110B ON JUN 11	0B ON JAN 1	114 000	1980
1981	267 AT 14:20 MST ON AUG 22	248 ON AUG 22	0B ON JAN 1	391 000	1981
1982	317 AT 00:39 MST ON JUN 14	234 ON JUN 14	0B ON JAN 1	410 000	1982
				311 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	68.5	43.9	26.4	17.0	---	1977
1978	14.8	13.9	13.4	42.3	144	61.1	148	92.8	51.0	63.3	34.7	26.1	59.2	1978
1979	16.6	12.4	12.8	71.0	301	193	126	67.0	68.4	38.6	22.0	16.5	79.2	1979
1980	14.4	15.1	14.8	40.7	118	80.7	124	62.1	92.4	84.7	48.4	24.9	60.2	1980
1981	18.8	15.0	14.4	14.7	98.1	102	40.9	25.8	46.0	35.2	25.6	17.3	37.9	1981
1982	10.9	12.2	12.1	16.6	125	117	40.1	91.9	44.0	30.7	20.7	17.0	45.1	1982
MEAN	15.1	13.7	13.5	37.1	157	111	95.8	67.9	61.7	49.4	29.6	19.8	56.3	MEAN

LOCATION - LAT 60 07 52 N   DRAINAGE AREA, 7 280 km^2
LONG 124 53 21 W   NATURAL FLOW

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	---	793E ON JUL 2 *	12.0 B ON MAR 2	1 870 000	1978
1979	614 AT 09:11 PST ON MAY 27 *	580 ON MAY 27	11.8 B ON FEB 23	2 500 000	1979
1980	320 AT 13:05 PST ON JUL 16	289 ON JUL 16	13.6 B ON JAN 11	1 900 000	1980
1981	257 AT 23:00 YST ON MAY 27	242 ON MAY 28	12.0 B ON DEC 31	1 190 000	1981
1982	309 AT 07:08 YST ON AUG 12	293 ON AUG 12	9.50B ON JAN 23 *	1 420 000	1982
				1 780 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	19.6	4.53	2.16	0.608	0.118	---	1974
1975	0.058	0.083	0.149	0.443	37.3	14.6	23.9	23.1	13.8	4.06	0.423	0.199	9.96	1975
1976	0.121	0.081	0.062	0.400	23.4	25.7	42.5	5.94	2.92	1.69	0.758	0.256	8.72	1976
1977	0.224	0.201	0.152	0.512	17.6	17.9	15.8	3.92	4.28	2.79	0.696	0.087	5.39	1977
1978	0.048	0.028	0.023	0.023	7.04	20.8	40.1	23.4	7.72	4.81	1.77	0.635	8.95	1978
1979	0.342	0.125	0.123	0.178	18.0	18.4	19.6	12.0	10.3	3.46	1.07	0.355	7.05	1979
1980	0.152	0.157	0.184	0.304	7.80	4.70	16.6	11.0	22.1	7.68	0.781	0.189	5.99	1980
1981	0.175	0.169	0.173	0.225	12.8	4.72	18.4	14.0	5.89	4.80	1.61	0.432	5.35	1981
1982	0.153	0.135	0.140	0.218	24.0	20.1	4.88	16.0	2.73	1.91	0.850	0.298	6.00	1982
MEAN	0.159	0.122	0.126	0.288	18.5	15.9	22.7	14.3	8.25	3.71	0.952	0.285	7.18	MEAN

LOCATION - LAT 62 34 07 N   DRAINAGE AREA, 1 750 km^2
LONG 137 00 58 W   NATURAL FLOW

YUKON TERRITORY

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	167 B ON MAY 11	0.037B ON FEB 13	314 000	1975
1976	216 AT 10:20 YST ON JUL 15 *	206 ON JUL 15 *	0.057B ON MAR 16	276 000	1976
1977	45.6 AT 21:44 YST ON JUN 8	40.8 ON JUL 4	0.045B ON DEC 9	170 000	1977
1978	193 AT 14:25 YST ON JUL 14	175 ON JUL 14	0.020B ON APR 4 *	282 000	1978
1979	67.4 AT 15:30 YST ON JUN 23	55.9 ON JUN 23	0.067B ON FEB 13	222 000	1979
1980	108 AT 18:20 YST ON SEP 16	91.2 ON SEP 16	0.093B ON JAN 27	189 000	1980
1981	73.6 AT 02:10 YST ON JUL 4	62.3 ON JUL 4	0.161B ON MAR 8	169 000	1981
1982	121 AT 20:59 YST ON AUG 1	78.1 ON AUG 2	0.103B ON FEB 28	189 000	1982
MEAN				226 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	105	137	109	135	---	---	---	---	1953
1954	---	---	---	---	---	---	---	85.4	58.9	---	---	---	---	1954
1955	---	---	---	---	---	---	168	108	61.2	43.2	31.8	23.7	---	1955
1956	18.0	15.5	14.7	15.2	53.7	133	99.1	61.9	58.3	---	---	---	---	1956
1957	14.3	14.6	14.3	13.5	132	---	---	86.5	58.3	45.1	---	---	---	1957
1958	---	---	---	---	---	---	52.8	50.2	47.5	---	---	---	---	1958
1962	24.9	22.1	20.4	18.7	84.5	364	195	122	115	92.3	57.8	---	---	1962
1963	---	---	---	---	---	---	---	---	91.0	86.5	56.3	39.7	---	1963
1964	28.0	19.1	16.8	20.2	46.3	376	186	135	107	77.3	34.1	28.3	89.3	1964
1965	22.4	19.0	16.9	18.6	83.3	157	145	74.3	92.8	72.6	36.0	21.8	63.5	1965
1966	17.9	16.6	16.0	15.7	81.5	226	188	96.2	56.7	49.8	28.8	24.0	61.5	1966
1967	20.4	17.4	15.1	14.2	77.7	364	171	115	94.1	73.4	38.3	23.1	85.4	1967
1968	21.2	19.5	18.0	17.0	91.2	170	141	109	109	72.9	46.9	30.3	70.6	1968
1969	19.2	19.7	18.3	17.5	79.1	194	124	116	121	71.7	32.2	25.0	70.0	1969
1970	18.0	17.6	18.7	18.2	63.8	187	133	81.5	92.4	68.4	37.8	25.0	60.3	1970
1971	19.9	19.1	13.5	12.3	66.5	242	118	79.1	68.2	52.6	36.9	23.4	62.3	1971
1972	18.1	15.1	11.7	12.3	90.7	259	116	98.5	76.8	54.0	38.5	23.9	67.5	1972
1973	17.7	16.2	16.0	17.5	76.1	203	176	113	99.0	50.1	20.7	17.3	68.7	1973
1974	14.9	14.8	13.3	17.2	83.1	181	119	132	86.7	59.5	34.5	24.4	65.3	1974
1975	19.5	18.5	15.7	16.5	72.0	198	181	94.1	121	80.7	39.5	23.8	73.6	1975
1976	22.3	19.7	18.0	16.8	63.3	214	155	73.1	47.7	32.6	22.9	20.2	58.8	1976
1977	17.9	16.7	16.1	16.4	57.7	211	158	86.3	77.4	43.1	21.7	19.0	62.0	1977
1978	20.2	15.8	14.1	16.1	52.3	169	90.4	83.8	56.1	47.9	40.9	26.6	52.7	1978
1979	17.9	16.1	16.9	17.7	65.9	251	200	89.5	59.1	47.2	34.8	27.0	70.4	1979
1980	20.6	18.9	16.5	17.4	73.7	166	125	107	90.7	78.9	45.2	26.1	65.6	1980
1981	24.0	21.5	20.0	17.5	101	151	121	68.1	81.1	63.2	44.7	28.3	61.9	1981
1982	16.6	15.7	15.0	16.4	46.0	185	101	67.8	63.1	55.5	30.6	26.4	53.4	1982
MEAN	19.7	17.7	16.2	16.5	72.8	212	140	93.8	82.3	61.7	36.9	25.1	66.5	MEAN

LOCATION - LAT 61 52 22 N DRAINAGE AREA, 6 760 km^2
LONG 134 50 00 W NATURAL FLOW

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	264 AT 12:00 YST ON JUL 1	258 ON JUL 1	---	---	1953
1954	---	---	---	---	1954
1955	272 AT 17:00 YST ON JUL 3	264 ON JUL 4	---	---	1955
1956	189 AT 17:30 YST ON JUN 20	184 ON JUN 20	14.4B ON MAR 13	---	1956
1957	314 AT 21:00 YST ON MAY 23	300 ON MAY 23	13.3B ON APR 4	---	1957
1958	---	---	---	---	1958
1962	685 AT 12:15 YST ON JUN 23 *	671 ON JUN 23 *	17.0B ON MAY 1	---	1962
1963	---	---	---	---	1963
1964	561 AT 07:00 YST ON JUN 12	552 ON JUN 11	16.4B ON MAR 8	2 830 000	1964
1965	267 AT 16:00 YST ON MAY 31	249 ON MAY 31	16.7B ON MAR 18	2 000 000	1965
1966	334 AT 02:00 YST ON JUL 9	309 ON JUN 12	15.4B ON APR 27	1 980 000	1966
1967	459 AT 07:00 YST ON JUN 23	456 ON JUN 23	14.2B ON APR 9	2 690 000	1967
1968	311 AT 20:00 YST ON MAY 22	271 ON MAY 22	16.4B ON APR 16	2 230 000	1968
1969	334 AT 19:00 YST ON JUN 11	314 ON JUN 11	16.4B ON APR 12	2 210 000	1969
1970	394 AT 07:38 YST ON JUL 22	382 ON JUL 22	16.1B ON FEB 17	1 900 000	1970
1971	371 AT 20:46 YST ON JUN 21	360 ON JUN 21	12.1B ON MAR 27	1 970 000	1971
1972	---	462E ON MAY 31	11.[illegible]B ON APR 2 *	2 140 000	1972
1973	309 AT 19:15 YST ON JUN 15	294 ON JUN 15	14.[illegible]B ON FEB 13	2 170 000	1973
1974	---	266E ON JUN 6	12.5B ON MAR 9	2 060 000	1974
1975	331 AT 19:10 YST ON JUN 20	314 ON JUN 20	14.9B ON MAR 17	2 320 000	1975
1976	292 AT 02:55 YST ON JUL 2	281 ON JUL 2	16.0B ON APR 19	1 860 000	1976
1977	274 AT 18:19 YST ON JUN 14	264 ON JUN 14	15.3B ON MAR 23	1 950 000	1977
1978	306 AT 22:20 YST ON JUN 8	297 ON JUN 9	13.0B ON APR 5	1 660 000	1978
1979	331 AT 17:27 YST ON JUN 25	326 ON JUN 25	15.7B ON FEB 9	2 220 000	1979
1980	313 AT 17:59 YST ON JUN 7	302 ON JUN 8	15.8B ON MAR 16	2 070 000	1980
1981	282 AT 17:46 YST ON MAY 28	269 ON MAY 28	16.1B ON APR 13	1 950 000	1981
1982	366 AT 20:35 YST ON JUN 8	352 ON JUN 8	14.0B ON FEB 27	1 680 000	1982
MEAN				2 100 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

YUKON TERRITORY

BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	5.37	4.91	4.67	5.07	130	171	134	99.4	78.4	35.5	16.7	8.68	58.1	1981
1982	4.35	3.95	3.59	3.30	66.5	197	121	65.4	34.4	18.1	11.6	7.68	44.9	1982
MEAN	4.86	4.43	4.13	4.19	98.3	184	128	82.4	56.4	26.8	14.2	8.18	51.5	MEAN

LOCATION - LAT 64 44 54 N LONG 133 40 50 W DRAINAGE AREA, 3 760 km²
NATURAL FLOW

BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1981	---	400E ON JUN 9 *	4.38B ON MAR 24	1 830 000	1981
1982	---	340E ON MAY 29	3.12B ON APR 18 *	1 420 000	1982
				1 630 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

CLINTON CREEK ABOVE WOLVERINE CREEK - STATION NO. 09EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	5.86	0.367	0.253	0.208	---	---	---	---	1964
1965	---	---	---	---	5.07	7.57	8.40	1.82	0.598	---	---	---	---	1965
MEAN	---	---	---	---	5.07	6.72	4.38	1.04	0.403	---	---	---	---	MEAN

LOCATION - LAT 64 26 54 N LONG 140 42 24 W NATURAL FLOW

CLINTON CREEK ABOVE WOLVERINE CREEK - STATION NO. 09EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1964	---	---	---	---	1964
1965	---	---	0B ON JAN 20 *	---	1965
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	13.2	9.70	8.89	12.6	49.6	87.6	100	71.0	66.7	50.6	35.3	21.1	44.1	1953
1954	14.9	13.6	12.9	12.0	61.2	106	94.4	72.4	53.4	41.9	25.2	18.9	44.1	1954
1955	17.2	15.6	15.0	15.2	40.2	102	142	87.6	59.2	41.6	21.9	14.1	47.8	1955
1956	12.7	11.9	10.9	14.9	48.0	67.9	80.4	55.1	45.7	42.9	32.4	22.9	37.3	1956
1957	18.2	15.4	14.3	16.2	71.1	173	124	78.0	63.5	52.0	30.2	19.7	56.4	1957
1958	16.7	15.7	14.8	19.5	46.0	58.0	37.5	26.8	29.6	24.8	18.1	15.5	27.0	1958
1959	13.3	11.4	10.5	10.7	53.6	125	72.1	70.3	55.5	43.4	27.4	21.3	43.0	1959
1960	17.8	15.2	13.5	12.5	71.4	96.7	92.8	70.8	49.5	33.9	21.0	19.3	43.0	1960
1961	17.0	14.4	12.7	13.0	54.1	117	117	67.0	51.2	38.7	24.4	22.1	45.9	1961
1962	17.0	12.2	9.91	9.91	36.1	171	152	95.1	64.8	51.3	38.7	26.6	57.2	1962
1963	21.5	17.6	16.4	15.9	65.4	101	156	95.5	74.1	58.9	35.5	27.8	57.5	1963
1964	23.6	19.9	17.5	18.5	40.3	189	109	88.1	68.9	42.5	21.9	14.6	54.5	1964
1965	13.8	13.3	12.6	12.6	34.2	71.4	88.8	45.5	32.7	27.8	17.8	15.4	32.3	1965
1966	11.1	9.06	10.3	15.3	26.7	111	79.4	54.5	45.7	33.2	19.5	14.9	36.0	1966
1967	12.1	9.04	7.09	11.9	54.8	130	105	75.9	67.5	45.0	21.1	15.6	46.5	1967
1968	14.6	14.9	14.7	19.0	72.5	77.6	101	74.4	71.5	54.2	27.7	21.3	47.1	1968
1969	16.4	15.8	14.4	22.7	52.5	86.0	60.3	63.5	68.4	69.4	42.1	29.4	45.2	1969
1970	19.3	17.0	16.3	22.7	44.7	70.5	68.2	50.7	42.3	34.7	25.5	17.2	35.9	1970
1971	12.2	11.0	9.93	10.2	31.8	92.8	83.5	62.7	43.6	30.6	18.3	12.5	35.0	1971
1972	10.5	11.3	12.3	12.8	53.9	109	84.2	76.5	50.0	35.9	20.8	15.1	41.1	1972
1973	13.6	12.7	11.3	13.7	33.2	66.3	77.9	66.2	52.6	36.9	17.7	14.8	34.9	1973
1974	11.8	9.16	8.49	9.55	42.5	65.4	61.1	59.1	53.6	32.9	18.6	17.8	32.6	1974
1975	15.1	11.6	8.40	10.3	50.3	---	---	99.9	117	77.6	23.8	22.4	---	1975
1976	19.4	19.7	20.4	18.1	41.4	115	132	67.7	41.0	38.5	29.9	26.2	47.6	1976
1977	22.4	21.6	22.3	28.0	31.2	102	97.6	65.7	44.4	38.2	31.5	28.2	44.5	1977
1978	22.6	19.4	17.9	18.4	42.2	70.6	50.7	47.8	40.3	35.1	28.6	21.1	34.6	1978
1979	18.7	16.1	18.4	22.3	51.1	98.4	97.4	57.6	54.9	42.3	23.3	15.3	43.1	1979
1980	16.7	19.9	17.8	20.9	44.8	85.2	55.2	42.4	37.4	35.6	27.5	16.5	35.0	1980
1981	15.6	15.5	15.3	17.6	55.1	61.5	54.3	44.3	46.6	45.8	30.8	22.3	35.5	1981
1982	20.2	16.6	14.9	17.9	62.1	271	62.5	57.9	40.0	34.1	21.7	17.9	52.9	1982
MEAN	16.3	14.5	13.7	15.8	48.7	106	90.9	66.3	54.4	42.3	25.9	19.6	42.7	MEAN

LOCATION - LAT 60 44 54 N LONG 137 30 19 W DRAINAGE AREA, 8 500 km²
REGULATED SINCE 1974

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	133 ON JUL 16	8.16B ON MAR 20	1 390 000	1953
1954	---	164 E ON JUN 7	11.3 B ON APR 27	1 390 000	1954
1955	---	184 ON JUN 26	12.7 B ON DEC 31	1 510 000	1955
1956	---	125 ON JUN 29	10.5 B ON MAR 24	1 180 000	1956
1957	---	210 ON JUN 13	13.9 B ON MAR 14	1 780 000	1957
1958	---	70.8 ON JUN 7	14.3 B ON MAR 21	850 000	1958
1959	---	157 ON JUN 24	10.2 B ON MAR 30	1 360 000	1959
1960	---	141 ON MAY 31	11.3 B ON APR 16	1 360 000	1960
1961	---	286 ON JUN 28	11.9 B ON APR 1	1 450 000	1961
1962	---	275 ON JUN 21	9.91B ON MAR 1	1 800 000	1962
1963	---	180 ON JUL 7	15.9 B ON APR 1	1 810 000	1963
1964	---	236 ON JUN 8	14.1 B ON DEC 26	1 720 000	1964
1965	---	111 ON JUL 8	12.3 B ON MAR 26	1 020 000	1965
1966	---	199 ON JUN 21	8.92B ON FEB 21	1 130 000	1966
1967	---	158 ON JUN 6	6.74B ON MAR 22 *	1 470 000	1967
1968	---	261 ON MAY 23	10.2 B ON FEB 1	1 490 000	1968
1969	---	123 ON MAY 25	12.7 B ON MAR 17	1 430 000	1969
1970	---	81.0 ON JUN 17	14.4 B ON DEC 31	1 130 000	1970
1971	151 AT 05:56 YST ON JUN 29	148 ON JUN 29	9.23B ON MAR 31	1 110 000	1971
1972	198 AT 07:30 YST ON MAY 31 *	190 ON MAY 31	9.77B ON JAN 18	1 300 000	1972
1973	124 AT 08:15 YST ON JUN 21	119 ON JUN 21	10.5 B ON APR 12	1 100 000	1973
1974	98.8 AT 20:26 YST ON JUN 24	91.7 ON JUN 24	7.93B ON MAR 9	1 030 000	1974
1975	---	---	7.50B ON APR 6	---	1975
1976	184 AT 13:06 YST ON JUL 12	183 ON JUL 12	15.9 B ON APR 6	1 500 000	1976
1977	172 AT 12:27 YST ON JUN 3	166 ON JUN 3	20.0 B ON FEB 14	1 400 000	1977
1978	96.6 AT 07:00 YST ON JUN 6	90.3 ON JUN 6	16.4 B ON APR 21	1 090 000	1978
1979	150 AT 16:25 YST ON JUN 23	147 ON JUN 24	13.2 B ON DEC 22	1 360 000	1979
1980	124 AT 01:10 YST ON JUN 8	121 ON JUN 7	12.1 B ON APR 5	1 110 000	1980
1981	87.9 AT 09:00 YST ON MAY 28	86.2A ON MAY 28	11.4 B ON FEB 16	1 120 000	1981
1982	---	700 E ON JUN 8 *	10.0 B ON MAR 8	1 670 000	1982
				1 350 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	187	57.4	26.5	---	1979
1980	20.6	19.8	26.6	44.7	77.2	277	515	438	232	149	69.1	30.3R	159R	1980
1981	24.4	20.2	18.7	22.2	119	210	460	478	271	142	41.1	17.3	153	1981
1982	14.5	14.6	16.7	19.9	50.0	296	480	470	217	56.7	30.3	21.3	142	1982
MEAN	19.8	18.2	20.7	28.9	82.1	261	485	462	240	134	49.5	23.9R	151	MEAN

LOCATION - LAT 62 04 56 N, LONG 139 51 35 W — DRAINAGE AREA, 12 400 km^2 — NATURAL FLOW

R - REVISED SINCE JAN 1980

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	673 AT 17:51 YST ON AUG 13	642 ON JUL 15	18.7B ON FEB 18	5 030 000R	1980
1981	758 AT 16:18 YST ON JUL 21	709 ON JUL 21	15.0B ON DEC 31	4 830 000	1981
1982	828 AT 12:20 YST ON JUL 31 *	746 ON JUL 31 *	13.5B ON JAN 25 *	4 470 000	1982
				4 780 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0.969	0.882	0.891	1.43	13.8	8.94	18.8	14.4	5.15	3.39	2.13	1.42	6.07	1981
1982	1.13	1.11	1.09	1.20	4.44	16.8	17.3	15.0	6.06	3.68	2.72	2.15	6.09	1982
MEAN	1.05	0.996	0.991	1.32	9.12	12.9	18.1	14.7	5.61	3.54	2.43	1.79	6.08	MEAN

LOCATION - LAT 61 21 37 N, LONG 139 09 23 W — DRAINAGE AREA, 631 km^2 — NATURAL FLOW

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	56.9 AT 05:00 YST ON AUG 9	34.6 ON JUL 17 *	0.845B ON FEB 18 *	192 000	1981
1982	68.8 AT 01:40 YST ON JUN 7 *	30.8 ON JUN 7	1.03 B ON FEB 25	192 000	1982
				192 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	6.35R	1.55 R	0.455R	---	1978
1979	0.460	0.452	0.751	1.14	56.6	19.9	25.8	25.8	17.2	5.48	1.69	0.450	13.1	1979
1980	0.184	0.115	0.120	0.136	56.3	18.5	5.04	40.2	12.9	1.84	0.646	0.326	11.5	1980
1981	0.154	0.061	0.077	0.266	53.2	15.7	51.7	11.2	3.72	1.50	0.286	0.051	11.7	1981
1982	0.002	0	0	0.001	44.5	43.8	13.0	18.2	11.7	3.66	0.894	0.105	11.4	1982
MEAN	0.200	0.157	0.237	0.386	52.7	24.5	23.9	23.9	11.4	3.77R	1.01 R	0.277R	11.9	MEAN

LOCATION - LAT 66 26 30 N DRAINAGE AREA, 1 720 km^2
LONG 136 42 30 W NATURAL FLOW

R - REVISED SINCE JAN 1980

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	131E ON MAY 17	0.320B ON DEC 31	414 000	1979
1980	282 AT 02:30 YST ON MAY 18 *	254 ON MAY 18 *	0.091B ON FEB 19	363 000	1980
1981	249 AT 14:30 YST ON MAY 23	196 ON MAY 23	0.011B ON DEC 30	369 000	1981
1982	174 AT 17:00 YST ON JUN 3	152 ON MAY 26	0 B ON JAN 11 *	359 000	1982
				376 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

FIRTH RIVER NEAR THE MOUTH - STATION NO. 10MD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	143	167	52.4	17.2	8.70	0.466	---	1972
1973	---	---	---	---	---	---	94.4	70.1	48.1	15.3	6.42	0.895	---	1973
1974	0	0	0	0	---	---	130	60.6	48.0	13.8	6.44	0.667	---	1974
1975	0	0	0	0.387	171	125	45.2	45.3	34.8	10.4	2.78	0.464	36.6	1975
1976	0	0	0	1.44	258	183	61.3	22.2	11.2	5.27	3.28	0.196	45.7	1976
1977	0R	0R	0R	0.396R	154 R	347 R	84.6R	40.2R	26.8R	12.6 R	3.70 R	0.393R	55.8R	1977
1978	0R	0R	0R	0 R	4.66R	172 R	64.6R	57.8R	45.3R	11.4 R	0.444R	0 R	29.7R	1978
1979	0	0	0	0.972	67.6	90.2	62.4	105	69.4	22.3	4.09	0.026	35.4	1979
1980	0	0	0	0	301	161	56.5	109	49.3	20.6	4.74	0.048	58.9	1980
1981	0	0	0	0	161	66.7	98.1	---	---	6.99	0.289	0	---	1981
1982	0	0	0	0	3.15	157	86.9	68.7	62.2	9.46	0.030	0	32.3	1982
MEAN	0R	0R	0R	0.355R	140 R	163 R	84.3R	74.6R	44.8R	13.2 R	3.72 R	0.287R	42.1	MEAN

LOCATION - LAT 69 19 00 N DRAINAGE AREA, 5 710 km^2
LONG 139 34 00 W NATURAL FLOW

R - REVISED SINCE JAN 1980

FIRTH RIVER NEAR THE MOUTH - STA.ION NO. 10MD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	609 AT 03:00 MST ON JUN 27	515 ON JUN 27	---	---	1972
1973	272 AT 05:00 MST ON JUN 8	232 ON JUL 20	---	---	1973
1974	---	---	---	---	1974
1975	---	773 ON MAY 29	0B ON JAN 1 *	1 150 000	1975
1976	---	699B ON MAY 26	0B ON JAN 1	1 440 000	1976
1977	1 330R AT 00:10 MST ON JUN 1 *	1 110R ON JUN 1 *	0RB ON JAN 1	1 760 000R	1977
1978	---	609RA ON JUN 5	0RB ON JAN 1	935 000R	1978
1979	677 AT 13:00 MST ON AUG 28	473 ON AUG 28	0B ON JAN 1	1 120 000	1979
1980	---	632B ON MAY 24	0B ON JAN 1	1 860 000	1980
1981	---	---	0B ON JAN 1	---	1981
1982	---	286B ON JUN 9	0B ON JAN 1	1 020 000	1982
				1 330 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

FORTYMILE RIVER NEAR THE MOUTH - STATION NO. 09EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.137	0.036	0.047	0.132	394	464	---	---	49.5	18.2	4.91	0.660	---	1982
MEAN	0.137	0.036	0.047	0.132	394	464	---	---	49.5	18.2	4.91	0.660	---	MEAN

LOCATION - LAT 63 23 50 N DRAINAGE AREA, 16 600 km²
LONG 140 36 40 W NATURAL FLOW

FORTYMILE RIVER NEAR THE MOUTH - STATION NO. 09EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	1 440 AT 22:29 YST ON JUN 16 *	1 300 ON JUN 17 *	0.024B ON FEB 22 *	---	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	27.8	33.6	233	606	539	199	193	168	90.1	62.3	---	1963
1964	42.5	36.8	34.0	31.1	85.3	803	459	276	203	126	84.4	51.2	186	1964
1965	36.4	27.2	21.5	22.3	97.1	396	356	204	186	174	---	---	---	1965
1966	---	---	---	---	---	473	337	200	129	141	73.4	51.6	---	1966
1967	40.3	30.8	24.6	22.5	167	726	342	175	139	125	74.4	48.1	160	1967
1968	32.2	24.6	20.0	21.6	147	520	475	290	261	163	81.0	53.5	174	1968
1969	26.5	18.1	17.1	25.1	138	393	273	279	265	150	95.7	56.3	145	1969
1970	34.4	28.3	25.3	24.4	175	453	406	306	226	217	82.6	47.0	170	1970
1971	30.7	25.9	22.6	21.4	204	737	318	144	135	110	58.1	37.7	154	1971
1972	26.3	25.0	20.2	18.5	186	847	432	222	138	97.8	54.9	34.7	175	1972
1973	21.3	18.9	17.4	20.0	204	643	372	232	241	115	52.1	38.8	165	1973
1974	28.1	18.9	14.2	15.0	143	466	343	296	170	129	80.4	49.8	147	1974
1975	38.2	29.7	24.2	23.8	195	664	476	213	168	149	72.9	41.8	175	1975
1976	27.5	25.1	24.4	28.4	267	604	595	232	144	110	63.7	38.8	181	1976
1977	32.2	27.0	23.1	24.4	231	613	411	240	164	154	72.5	36.4	170	1977
1978	26.9	22.3	20.4	25.9	116	383	330	237	139	138	86.6	51.3	132	1978
1979	30.5	23.4	23.7	23.0	148	657	497	267	126	112	68.7	44.0	169	1979
1980	33.5	31.2	28.5	27.4	166	389	239	217	156	191	97.1	47.7	136	1980
1981	37.4	28.4	26.7	25.0	280	467	276	134	157	125	86.5	54.3	142	1981
1982	34.0	27.5	24.0	23.6	123	449	227	122	114	98.8	66.5	45.5	113	1982
MEAN	32.2	26.1	23.1	24.1	174	564	385	224	173	140	75.9	46.9	158	MEAN

LOCATION - LAT 60 28 26 N DRAINAGE AREA, 12 800 km²
LONG 129 07 08 W NATURAL FLOW

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	861 AT 15:30 YST ON JUN 24	852 ON JUN 24	27.8B ON MAR 1	---	1963
1964	1 110 AT 12:00 YST ON JUN 12 *	1 100 ON JUN 12 *	31.1B ON APR 1	5 880 000	1964
1965	484 AT 21:00 YST ON JUN 12	481 ON JUN 12	20.2B ON APR 10	---	1965
1966	660 AT 02:00 YST ON JUN 19	654 ON JUN 19	---	---	1966
1967	830 AT 21:00 YST ON JUN 7	818 ON JUN 7	21.8B ON APR 21	5 040 000	1967
1968	603 AT 05:00 YST ON JUL 14	595 ON JUL 14	19.3B ON APR 11	5 510 000	1968
1969	532 AT 19:00 YST ON JUN 15	530 ON JUN 15	16.8B ON MAR 23	4 580 000	1969
1970	541 AT 00:13 YST ON JUN 9	538 ON JUN 8	23.8B ON APR 13	5 350 000	1970
1971	861 AT 13:31 YST ON JUN 13	858 ON JUN 13	19.8B ON APR 10	4 850 000	1971
1972	1 080 AT 07:50 YST ON JUN 2	1 060 ON JUN 2	18.1B ON APR 19	5 530 000	1972
1973	782 AT 12:43 YST ON JUN 17	782 ON JUN 17	16.4B ON MAR 22	5 210 000	1973
1974	691 AT 20:47 YST ON JUN 23	671 ON JUN 23	13.8B ON APR 14 *	4 630 000	1974
1975	779 AT 23:08 YST ON JUN 6	776 ON JUN 6	22.1B ON MAR 26	5 520 000	1975
1976	929 AT 09:15 YST ON JUL 4	926 ON JUL 4	23.2B ON MAR 25	5 710 000	1976
1977	671 AT 10:00 YST ON JUN 5	668 ON JUN 5	20.4B ON APR 11	5 350 000	1977
1978	456 AT 05:20 YST ON JUN 11	453 ON JUN 11	19.7B ON MAR 5	4 160 000	1978
1979	756 AT 05:14 YST ON JUN 13	751 ON JUN 12	21.8B ON FEB 25	5 330 000	1979
1980	497 AT 15:17 YST ON JUN 12	496 ON JUN 12	25.5B ON APR 20	4 290 000	1980
1981	734 AT 23:53 YST ON MAY 31	724 ON JUN 1	24.2B ON APR 28	4 470 000	1981
1982	586 AT 22:11 YST ON JUN 15	584 ON JUN 15	22.0B ON APR 2	3 570 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 000 000	MEAN

GILTANA CREEK NEAR THE MOUTH - STATION NO. 08AA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	0.437	0.263	0.106	---	1980
1981	0.057	0.046	0.045	0.050	1.65	0.561	0.269	0.041	0.257	0.757	0.344	0.091	0.350	1981
1982	0.008	0	0	0.001	2.26	4.17	0.533	1.34	0.642	0.582	0.377	0.161	0.842	1982
MEAN	0.033	0.023	0.023	0.026	1.96	2.37	0.401	0.691	0.450	0.592	0.328	0.119	0.596	MEAN

LOCATION - LAT 61 11 50 N DRAINAGE AREA, 194 km²
LONG 136 58 42 W NATURAL FLOW

GILTANA CREEK NEAR THE MOUTH - STATION NO. 08AA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	4.93A ON MAY 12	0.006 ON AUG 23	11 000	1981
1982	9.14 AT 04:27 YST ON JUN 2 *	9.04 ON JUN 2 *	0 B ON JAN 16 *	26 500	1982
				18 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	32.8	17.2	10.3	---	1976
1977	8.58	7.71	6.40	6.06	167	268	121	108	57.1	32.4	15.5	10.2	67.7	1977
1978	7.57	5.54	4.61	4.92	110	315	207	137	55.0	63.5	24.8	14.4	79.4	1978
1979	8.47	5.18	6.14	7.26	160	308	201	140	62.0	49.8	20.7	12.5	82.2	1979
1980	7.68	6.36	5.83	5.91	88.9	242	155	138	70.2	61.7	27.3	9.90	68.4	1980
1981	7.59	6.48	5.96	6.09	88.2	158	143	108	84.4	36.5	23.8	15.5	57.2	1981
1982	10.9	6.54	3.78	3.69	59.3	313	166	133	74.5	47.1	19.6	13.3	71.1	1982
MEAN	8.47	6.30	5.45	5.66	112	267	166	127	67.2	46.3	21.3	12.3	71.0	MEAN

LOCATION - LAT 63 19 50 N DRAINAGE AREA, 4 840 km²
LONG 131 30 00 W NATURAL FLOW

HESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	532 AT 06:00 YST ON MAY 31	493 ON MAY 30	5.64B ON MAR 24	2 140 000	1977
1978	716 AT 02:15 YST ON JUN 5	580 ON JUN 5	4.50B ON APR 6	2 500 000	1978
1979	487 AT 04:15 YST ON JUN 4	450 ON JUN 3	4.28B ON FEB 9	2 590 000	1979
1980	527 AT 08:42 YST ON JUN 8	485 ON JUN 8	5.41B ON MAR 4	2 160 000	1980
1981	351 AT 08:00 YST ON MAY 27	334 ON MAY 28	5.58B ON APR 10	1 800 000	1981
1982	779 AT 06:38 YST ON JUN 15 *	592 ON JUN 15 *	3.40B ON MAR 28 *	2 240 000	1982
				2 240 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD - STATION NO. 10AD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	22.3	13.8	7.41	---	1976
1977	5.61	5.14	4.78	5.45	57.7	183	108	68.8	47.3	25.7	12.8	6.86	44.4	1977
1978	5.05	4.40	3.93	4.54	31.8	149	133	64.4	29.2	33.3	18.1	10.8	40.8	1978
1979	6.02	4.80	4.41	4.30	27.5	194	153	67.7	32.9	29.8	17.3	9.43	46.1	1979
1980	6.17	5.83	5.40	5.45	53.8	151	96.1	73.2	46.6	46.9	20.5	8.76	43.4	1980
1981	8.22	7.09	5.74	5.16	96.3	136	99.4	49.2	51.7	23.2	13.3	8.37	42.2	1981
1982	6.07	4.99	4.24	5.11	26.6	143	83.0	48.4	34.5	24.7	16.9	11.0	34.1	1982
MEAN	6.19	5.38	4.75	5.00	49.0	159	112	62.0	40.4	29.4	16.1	8.95	41.8	MEAN

LOCATION - LAT 61 29 00 N DRAINAGE AREA, 2 150 km²
LONG 128 14 10 W NATURAL FLOW

HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD - STATION NO. 10AD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	253 AT 16:15 YST ON JUN 20	246 ON JUN 21	4.39B ON MAR 22	1 400 000	1977
1978	275 AT 22:06 YST ON JUL 2	251 ON JUL 2	3.65B ON APR 8 *	1 290 000	1978
1979	263 AT 10:33 YST ON JUN 27	258 ON JUN 27	3.94B ON MAR 31	1 450 000	1979
1980	293 AT 01:44 YST ON JUN 10 *	283 ON JUN 9 *	5.13B ON APR 14	1 370 000	1980
1981	279 AT 08:40 YST ON MAY 31	276 ON MAY 30	4.60B ON APR 9	1 330 000	1981
1982	248 AT 05:04 YST ON JUN 15	234 ON JUN 15	4.02B ON MAR 25	1 080 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 320 000	MEAN

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.043	0.012	0.010	0.013	22.9	21.8	4.51	3.24	2.69	1.62	0.549	0.133	4.81	1982
MEAN	0.043	0.012	0.010	0.013	22.9	21.8	4.51	3.24	2.69	1.62	0.549	0.133	4.81	MEAN

LOCATION - LAT 63 46 16 N DRAINAGE AREA, 2 220 km^2
LONG 139 37 45 W NATURAL FLOW

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	79.9A ON MAY 21 *	0.009B ON FEB 16 *	152 000	1982
A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		152 000	MEAN

KATHLEEN RIVER NEAR HAINES JUNCTION - STATION NO. 08AA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	22.0	14.3	9.47	6.83	4.84	4.24	---	1959
1960	3.48	2.81	2.47	2.12	4.77	24.5	29.0	19.7	12.2	8.07	5.59	4.50	9.96	1960
1961	3.93	3.12	2.71	2.43	4.27	27.9	37.0	21.3	13.9	10.5	6.69	5.41	11.7	1961
1962	4.87	3.82	3.23	2.65	3.33	28.6	37.7	19.5	10.8	11.5	8.83	6.41	11.8	1962
1963	5.38	4.08	3.21	2.68	4.72	18.3	35.8	19.9	14.6	10.1	6.30	5.30	10.9	1963
1964	4.53	3.79	3.25	2.80	---	---	---	---	---	---	---	---	---	1964
MEAN	4.44	3.52	2.97	2.54	4.27	24.8	32.3	18.9	12.2	9.40	6.45	5.17	11.1	MEAN

LOCATION - LAT 60 35 35 N DRAINAGE AREA, 642 km^2
LONG 137 13 45 W NATURAL FLOW

KATHLEEN RIVER NEAR HAINES JUNCTION - STATION NO. 08AA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	38.5 ON JUN 30	2.01 ON APR 14 *	315 000	1960
1961	---	47.9E ON JUL 1	2.32 ON APR 8	367 000	1961
1962	---	54.1 ON JUN 26	2.61 ON APR 20	373 000	1962
1963	---	44.5 ON JUL 10	2.46 ON APR 24	344 000	1963
1964	---	65.1 ON JUN 20 *	2.39 ON MAY 5	---	1964
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		350 000	MEAN

KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD - STATION NO. 10AB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	0.151	0.111	0.076	0.039	0.028	---	1975
1976	0.021	0.017	0.016	0.024	0.343	0.759	0.421	0.098	0.058	0.040	0.037	0.026	0.155	1976
1977	0.023	0.024	0.023	0.023	0.316	0.465	0.238	0.136	0.085	0.044	0.037	0.030	0.121	1977
1978	0.027	0.018	0.013	0.011	---	---	---	---	0.075	0.086	0.053	0.034	---	1978
1979	0.020	0.011	0.015	0.020	0.231	0.453	0.349	0.149	0.104	0.094	0.066	0.035	0.129	1979
1980	0.025	0.027	0.025	0.025	0.235	0.262	0.195	0.155	0.133	0.224	0.095	0.047	0.121	1980
1981	0.036	0.028	0.023	0.019	0.301	0.258	0.167	0.082	0.140	0.108	0.069	0.040	0.106	1981
1982	0.026	0.020	0.015	0.013	0.069	0.501	0.157	0.088	0.083	0.054	0.020	0.012	0.088	1982
MEAN	0.025	0.021	0.019	0.019	0.249	0.450	0.255	0.123	0.099	0.091	0.052	0.032	0.120	MEAN

LOCATION - LAT 60 56 50 N DRAINAGE AREA, 13.7 km^2
LONG 128 55 40 W NATURAL FLOW

KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD - STATION NO. 10AB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	---	---	1975
1976	2.16 AT 22:13 YST ON JUN 9 *	1.81 ON JUL 3 *	0.016B ON FEB 13	4 910	1976
1977	1.05 AT 02:00 YST ON MAY 25	0.949 ON MAY 25	0.021B ON JAN 11	3 810	1977
1978	---	---	0.011B ON MAR 25	---	1978
1979	0.991 AT 15:00 YST ON MAY 31	0.873 ON JUN 2	0.010B ON FEB 9	4 090	1979
1980	0.808 AT 21:10 YST ON MAY 14	0.669 ON JUN 1	0.022B ON APR 6	3 830	1980
1981	1.14 AT 14:20 YST ON MAY 26	0.852 ON MAY 26	0.017B ON APR 10	3 350	1981
1982	1.27 AT 01:28 YST ON JUN 9	1.07 ON JUN 9	0.009B ON DEC 25 *	2 770	1982
				3 790	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	208	141	85.9	48.7	21.8	20.5	---	1965
1966	12.6	11.2	10.9	13.6	166	301	76.3	39.6	46.6	31.5	17.0	10.6	61.5	1966
1967	9.87	9.46	9.06	10.5	150	207	83.9	127	157	51.4	26.0	18.1	71.8	1967
1968	14.1	11.3	10.1	11.9	183	258	102	79.2	52.5	27.8	21.4	15.2	65.7	1968
1969	11.5	8.31	6.33	19.1	105	150	38.6	31.1	44.2	29.4	14.5	13.2	39.3	1969
1970	8.51	6.59	5.48	6.07	138	213	115	83.1	72.7	38.7	22.9	12.8	60.5	1970
1971	9.00	8.75	9.15	12.9	222	329	84.5	78.0	105	39.1	24.1	16.3	78.3	1971
1972	11.1	9.22	8.15	8.44	165	232	57.4	65.8	82.5	35.7	18.4	13.0	58.9	1972
1973	9.84	8.37	7.99	9.56	184	---	---	---	---	33.4	16.0	11.2	---	1973
1974	6.25	4.95	5.39	7.64	164	156	60.4	72.1	50.6	23.8	16.2	14.0	48.7	1974
1975	9.89	9.54	10.1	12.6	239	279	120	83.5	85.9	59.6	24.1	14.9	79.4	1975
1976	12.6	10.8	9.76	15.0	151	196	83.4	56.0	37.8	26.4	13.9	7.97	51.7	1976
1977	10.1	10.2	9.06	13.6	181	292	94.7	51.0	38.3	31.1	13.1	8.45	62.9	1977
1978	8.00	7.11	6.91	11.4	66.2	145	88.7	40.0	42.5	42.5	22.9	17.6	41.7	1978
1979	12.1	8.08	8.76	12.7	226	235	219	98.2	90.6	64.7	20.7	10.3	84.4	1979
1980	9.95	11.2	12.2	18.4	139	188	92.0	113	86.7	57.0	20.9	8.69	63.2	1980
1981	9.32	9.58	11.4	10.8	131	144	146	107	119	69.4	31.6	18.8	67.7	1981
1982	10.2	9.02	8.41	8.32	124	252	109	49.0	44.5	26.7	17.2	12.3	56.0	1982
MEAN	10.3	9.04	8.77	11.9	161	224	105	77.3	73.1	40.9	20.2	13.6	62.0	MEAN

LOCATION - LAT 64 02 34 N   DRAINAGE AREA, 7 800 km²
LONG 139 24 28 W   NATURAL FLOW

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	---	433 ON JUN 9	10.1 B ON DEC 25	1 940 000	1966
1967	---	411 ON JUN 2	8.69B ON APR 4	2 260 000	1967
1968	---	357 ON MAY 21	9.49B ON MAR 31	2 080 000	1968
1969	---	286 ON JUN 11	5.66B ON MAR 19	1 240 000	1969
1970	---	343 ON JUN 25	5.10B ON APR 2	1 910 000	1970
1971	---	476 ON JUN 11	7.84B ON MAR 7	2 470 000	1971
1972	---	640 ON MAY 29 *	7.28B ON APR 3	1 860 000	1972
1973	---	---	7.56B ON MAR 19	---	1973
1974	326 AT 03:08 YST ON MAY 25	317 ON MAY 24	4.81B ON FEB 1 *	1 540 000	1974
1975	---	544A ON MAY 13	8.86B ON FEB 13	2 500 000	1975
1976	---	374 ON JUN 19	7.08B ON DEC 5	1 630 000	1976
1977	---	425A ON JUN 9	7.59B ON DEC 10	1 980 000	1977
1978	228 AT 00:00 YST ON JUN 9	210 ON JUN 9	6.54B ON MAR 6	1 320 000	1978
1979	---	408B ON MAY 3	7.56B ON FEB 12	2 660 000	1979
1980	---	360E ON JUN 8	7.55B ON DEC 19	2 000 000	1980
1981	308 AT 10:30 YST ON MAY 29	302 ON MAY 29	7.65B ON FEB 12	2 130 000	1981
1982	422 AT 13:50 YST ON JUN 9 *	416 ON JUN 9	7.60B ON APR 2	1 770 000	1982
				1 960 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	---	---	---	---	---	10.9	---	1952
1953	8.10	5.68	10.7	15.8	24.9	74.1	146	112	80.4	46.0	24.3	7.84	46.7	1953
1954	6.03	5.62	5.35	5.35	12.7	74.8	172	248	214	107	41.8	11.8	75.8	1954
1955	9.79	8.79	8.34	10.8	10.3	33.9	162	228	165	70.7	29.1	11.3	62.8	1955
1956	4.09	1.77	1.04	1.23	12.9	80.9	216	274	191	109	50.8	20.0	80.7	1956
1957	16.7	16.3	15.1	13.4	27.7	135	244	310	234	120	56.6	33.4	102	1957
1958	19.4	13.4	12.8	14.8	22.3	104	214	132	69.0	32.7	17.7	10.8	55.6	1958
1959	8.34	6.88	6.03	10.9	23.2	96.9	211	220	167	81.0	38.3	14.0	74.2	1959
1960	15.4	17.1	12.0	11.7	26.5	68.7	157	238	178	85.0	35.4	22.7	72.6	1960
1961	19.2	17.6	17.6	15.8	22.4	55.4	137	220	149	63.9	31.1	20.4	64.5	1961
1962	11.6	5.95	5.95	5.95	18.7	102	228	306	223	96.2	---	17.6	---	1962
1963	17.0	15.9	15.3	15.7	27.7	69.7	---	---	---	---	39.5	18.4	---	1963
1964	17.3	17.8	17.8	18.7	21.1	120	206	269	188	82.4	35.6	7.96	83.7	1964
1965	6.48	6.55	6.09	5.25	12.5	58.9	131	202	150	68.2	34.1	17.4	58.3	1965
1966	10.2	8.51	7.67	8.44	12.9	80.8	240	291	130	49.9	21.6	13.0	73.6	1966
1967	9.34	8.95	8.69	8.86	23.2	143	192	147	76.0	42.9	25.7	12.4	58.5	1967
1968	5.79	7.07	11.4	13.6	29.4	78.5	191	165	95.7	49.2	19.8	7.22	56.4	1968
1969	6.13	6.68	8.97	19.7	30.8	106	258	257	150	77.4	35.7	6.98	80.9	1969
1970	9.49	18.0	18.2	16.4	20.2	55.9	122	114	62.2	33.5	12.5	5.21	40.9	1970
1971	2.39	0.649	0.637	1.18	6.97	65.9	197	348	214	89.9	33.3	15.6	81.9	1971
1972	10.2	10.1	10.4	12.9	35.7	108	244	302	207	94.6	49.2	26.8	93.1	1972
1973	16.1	12.0	13.4	14.9	23.0	48.5	171	232	160	77.5	34.2	14.5	68.6	1973
1974	6.49	4.32	4.10	5.33	26.2	83.3	186	265	216	109	46.8	24.5	82.1	1974
1975	14.4	13.4	20.4	18.2	20.6	48.1	207	260	184	102	56.1	21.8	81.1	1975
1976	15.4	13.2	14.5	19.9	28.8	78.6	216	244	156	78.7	38.9	14.8	76.9	1976
1977	17.5	23.8	19.0	15.2	17.6	66.6	157	225	179	87.3	46.3	25.1	73.7	1977
1978	18.9	18.8	19.9	19.7	22.0	65.6	170	288	213	92.6	33.0	11.5	81.5	1978
1979	9.44	10.8	16.1	21.5	33.4	82.5	210	308	231	99.8	46.2	18.4	91.2	1979
1980	15.9	15.6	17.8	23.0	25.3	71.6	179	242	170	103	44.4	27.4	78.3	1980
1981	22.0	18.2	15.5	14.9	25.7	68.2	173	272	202	93.4	38.9	21.8	81.0	1981
1982	13.5	12.7	12.3	11.2	17.8	95.6	203	276	187	91.5	42.3	18.9	82.3	1982
MEAN	12.1	11.4	11.8	13.0	22.1	80.6	191	241	167	80.5	36.5	16.5	73.5	MEAN

LOCATION - LAT 61 25 37 N LONG 139 02 56 W DRAINAGE APEA, 4 950 km² NATURAL FLOW

REMARKS - CONTRIBUTING FLOW OF KUSKAWULSH GLACIER REDUCED IN 1967

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	162 ON JUL 6	4.96 B ON FEB 10	1 470 000	1953
1954	---	269 ON AUG 14	5.24 B ON MAR 29	2 390 000	1954
1955	---	242 ON AUG 13	6.65 B ON DEC 31	1 980 000	1955
1956	---	283 ON AUG 16	0.963B ON MAR 21	2 550 000	1956
1957	---	331 ON AUG 18	12.2 B ON APR 21	3 230 000	1957
1958	---	244 ON JUL 15	9.40 B ON DEC 31	1 750 000	1958
1959	---	229 ON AUG 26	5.72 B ON MAR 13	2 340 000	1959
1960	---	275 ON AUG 21	10.9 B ON MAR 20	2 290 000	1960
1961	237 AT 05:00 YST ON AUG 12	235 ON AUG 12	14.3 B ON APR 29	2 030 000	1961
1962	317 AT 16:00 YST ON AUG 18	314 ON AUG 16	5.95 B ON FEB 1	---	1962
1963	---	311E ON AUG 23	14.4 B ON APR 1	---	1963
1964	294 AT 19:00 YST ON AUG 7	294 ON AUG 8	6.51 B ON DEC 31	2 650 000	1964
1965	219 AT 12:00 YST ON AUG 24	218 ON AUG 25	5.04 B ON APR 21	1 840 000	1965
1966	337 AT 18:15 YST ON AUG 10	328 ON JUL 30	7.36 B ON MAR 22	2 320 000	1966
1967	216 AT 17:15 YST ON JUN 26	209 ON JUN 26	7.79 B ON DEC 31	1 850 000	1967
1968	222 AT 19:00 YST ON JUL 19	221 ON JUL 15	4.67 B ON FEB 4	1 780 000	1968
1969	309 AT 20:15 YST ON AUG 7	303 ON AUG 8	5.35 B ON JAN 20	2 550 000	1969
1970	151 AT 15:54 YST ON JUL 30	150 ON JUL 28	4.19 B ON DEC 31	1 290 000	1970
1971	385 AT 02:30 YST ON AUG 15 *	382 ON AUG 14 *	0.538B ON FEB 27 *	2 580 000	1971
1972	314 AT 15:40 YST ON AUG 10	314 ON AUG 10	9.63 B ON MAR 5	2 940 000	1972
1973	251 AT 02:10 YST ON AUG 14	246 ON AUG 14	9.17 B ON DEC 31	2 160 000	1973
1974	311 AT 19:50 YST ON AUG 19	300 ON AUG 19	3.99 B ON MAR 11	2 590 000	1974
1975	274 AT 03:55 YST ON AUG 11	273 ON AUG 11	11.5 B ON FEB 12	2 560 000	1975
1976	277 AT 12:00 YST ON AUG 11	262E ON AUG 9	12.6 B ON FEB 14	2 430 000	1976
1977	262 AT 20:00 YST ON AUG 24	262 ON AUG 24	14.6 E ON APR 17	2 320 000	1977
1978	326 AT 22:00 YST ON AUG 17	323 ON AUG 18	9.00 B ON DEC 28	2 570 000	1978
1979	323 AT 04:50 YST ON AUG 28	319 ON AUG 18	8.86 B ON JAN 10	2 870 000	1979
1980	267 AT 11:13 YST ON AUG 15	259 ON AUG 15	14.3 B ON JAN 31	2 470 000	1980
1981	325 AT 14:34 YST ON AUG 15	308 ON AUG 15	14.4 B ON APR 14	2 550 000	1981
1982	323 AT 15:47 YST ON AUG 7	310 ON AUG 7	11.0 B ON APR 9	2 600 000	1982
MEAN				2 320 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	1 240	857	480	455	280	119	113	---	1960
1961	99.1	79.3	75.0	88.8	740	1 950	710	344	404	300	121	119	419	1961
1962	99.1	79.3	56.1	59.5	413	2 240	1 260	633	550	429	219	170	518	1962
1963	142	127	99.1	95.5	747	1 420	1 150	438	435	378	197	135	448	1963
1964	108	85.0	85.0	90.6	235	2 070	898	589	451	302	168	127	433	1964
1965	102	85.0	70.8	96.1	590	1 090	808	411	395	341	138	73.7	351	1965
1966	69.3	55.9	50.5	64.4	369	1 170	717	441	304	348	177	130	325	1966
1967	98.5	77.4	63.5	61.8	517	1 550	693	377	301	333	197	154	369	1967
1968	103	71.4	60.3	62.6	498	1 240	1 060	596	588	377	203	185	418	1968
1969	82.2	57.4	51.8	82.0	546	990	570	587	706	363	235	165	371	1969
1970	111	85.4	75.0	75.7	554	1 030	803	528	479	521	214	126	385	1970
1971	91.6	80.3	69.5	90.8	531	1 620	671	318	315	253	148	113	359	1971
1972	81.7	59.4	54.4	62.5	589	1 830	800	508	338	257	142	111	403	1972
1973	93.9	77.8	64.5	87.1	564	1 360	737	451	476	220	120	86.2	362	1973
1974	68.9	61.0	53.7	54.3	549	1 100	866	668	384	344	182	133	374	1974
1975	96.0	82.9	73.9	88.5	486	1 300	1 040	474	384	304	144	111	383	1975
1976	77.9	66.6	64.5	87.0	668	1 560	1 290	577	393	281	169	107	446	1976
1977	95.4	92.9	82.0	104	602	1 810	883	487	361	303	150	104	391	1977
1978	74.6	65.0	58.1	67.7	327	756	525	420	301	329	201	169	276	1978
1979	108	76.0	75.8	76.2	518	1 470	1 220	541	334	288	176	107	417	1979
1980	94.0	90.0	73.1	81.2	564	923	535	466	358	483	224	120	335	1980
1981	116	103	88.4	81.7	903	1 120	627	320	435	338	233	159	378	1981
1982	99.1	62.9	57.6	62.2	393	1 150	522	283	274	231	124	91.4	280	1982
MEAN	96.0	78.2	68.3	78.2	541	1 370	837	475	410	331	174	125	384	MEAN

LOCATION - LAT 60 03 00 N DRAINAGE AREA, 33 400 km²
LONG 128 54 00 W NATURAL FLOW

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	1 600 ON JUN 30	---	---	1960
1961	---	3 030 ON JUN 12	75.0B ON MAR 1	13 200 000	1961
1962	---	2 790 ON JUN 23	56.1B ON MAR 1	16 300 000	1962
1963	---	1 870 ON JUN 24	85.0B ON APR 1	14 100 000	1963
1964	---	2 940 ON JUN 11	85.0B ON FEB 1	13 700 000	1964
1965	---	1 480 ON JUN 1	59.5B ON APR 12	11 100 000	1965
1966	---	1 510 ON JUN 19	49.6B ON MAR 23	10 300 000	1966
1967	---	1 980 ON JUN 7	59.2B ON APR 6	11 600 000	1967
1968	---	1 540 ON JUN 13	57.8B ON APR 6	13 200 000	1968
1969	---	1 340 ON JUN 12	49.6B ON MAR 29	11 700 000	1969
1970	---	1 460 ON JUN 6	70.8B ON MAR 30	12 100 000	1970
1971	---	2 290 ON JUN 13	64.6B ON MAR 26	11 300 000	1971
1972	---	3 060 ON JUN 2 *	51.5B ON MAR 28	12 700 000	1972
1973	---	1 910 ON JUN 17	60.6B ON MAR 24	11 400 000	1973
1974	---	1 390 ON JUN 24	49.3B ON APR 8 *	11 800 000	1974
1975	1 680 AT 17:00 YST ON JUN 4	1 670 ON JUN 4	71.9B ON MAR 27	12 100 000	1975
1976	---	2 050 ON JUN 12	63.1B ON MAR 24	14 100 000	1976
1977	1 950 AT 11:50 YST ON JUN 5	1 930 ON JUN 5	76.5B ON MAR 21	12 300 000	1977
1978	---	943A ON JUN 9	56.1B ON MAR 6	8 680 000	1978
1979	---	1 910A ON JUN 4	69.4B ON MAR 1	13 200 000	1979
1980	1 260 AT 09:13 YST ON JUN 11	1 230 ON JUN 11	67.1B ON MAR 22	10 600 000	1980
1981	2 080 AT 06:32 YST ON MAY 29 *	2 060 ON MAY 29	77.0B ON APR 20	11 900 000	1981
1982	1 870 AT 04:35 YST ON JUN 5	1 560 ON JUN 4	55.0B ON FEB 26	8 820 000	1982
MEAN				12 100 000	MEAN

A - MANUAL GAUGE B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)

YUKON TERRITORY

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	1.12	0.979	0.960	1.14	1.18	0.871	---	1955
1956	0.725	0.600	---	---	---	3.81	2.12	1.37	1.56	1.78	2.16	2.06	---	1956
1957	1.64	---	---	---	---	---	---	2.23	2.02	2.22	---	---	---	1957
1958	---	---	---	---	---	---	---	---	0.667	---	---	---	---	1958
1959	---	---	---	---	---	---	2.86	1.90	2.35	---	---	---	---	1959
1960	---	---	---	---	8.71	7.27	5.09	2.72	1.77	2.54	---	---	---	1960
1961	---	---	---	---	---	---	5.72	3.15	3.07	3.64	---	---	---	1961
1962	---	---	---	---	---	---	---	4.42	5.91	6.84	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	6.64	6.38	5.38	---	1963
1964	4.96	4.16	3.55	3.11	6.42	13.8	6.85	6.04	5.36	---	---	---	---	1964
1965	---	---	---	---	---	10.0	4.81	2.39	2.46	3.52	---	---	---	1965
1966	---	---	---	---	6.92	6.19	4.60	3.00	3.13	3.65	---	---	---	1966
1967	---	---	---	---	11.1	10.9	6.33	3.75	3.44	3.56	3.25	3.09	---	1967
1968	2.49	2.13	2.07	2.00	4.75	4.48	3.00	2.79	4.61	5.88	5.08	4.00	3.61	1968
1969	3.09	2.90	3.07	2.98	6.08	6.29	4.33	5.84	8.42	7.87	5.71	4.84	5.13	1969
1970	4.26	4.16	3.63	4.00	6.70	5.23	2.76	1.74	2.57	4.23	4.43	5.30	4.08	1970
1971	3.71	3.34	3.14	3.16	7.35	7.48	3.87	2.22	2.88	3.24	2.79	2.79	3.83	1971
1972	2.52	2.59	2.55	3.52	11.9	16.2	5.95	4.63	4.38	4.82	4.68	3.85	5.64	1972
1973	3.38	3.00	2.87	3.37	7.82	5.75	3.72	3.33	3.72	3.61	3.28	3.20	3.93	1973
1974	2.31	1.76	1.63	3.15	8.49	8.70	6.25	6.93	5.28	7.03	6.31	4.80	5.24	1974
1975	4.07	3.00	3.06	3.28	7.46	5.38	4.47	3.95	4.45	4.49	3.58	3.09	4.20	1975
1976	3.28	3.14	2.88	4.65	12.2	9.93	6.05	5.33	4.75	4.64	4.91	4.16	5.50	1976
1977	3.61	3.57	3.24	4.20	7.60	9.25	7.33	5.49	4.99	5.94	5.44	4.35	5.43	1977
1978	3.83	3.23	2.76	3.13	5.85	4.63	3.17	2.68	2.73	3.02	3.34	2.85	3.44	1978
1979	2.29	1.93	2.25	3.26	8.31	6.88	11.2	7.22	5.13	4.58	4.23	3.62	5.10	1979
1980	3.22	3.27	3.20	3.80	7.38	4.06	2.38	2.17	2.78	4.28	4.65	3.83	3.75	1980
1981	3.61	3.84	4.49	4.41	9.60	7.73	5.31	3.14	3.39	4.41	4.40	3.45	4.02	1981
MEAN	3.12	2.91	2.96	3.47	8.04	7.70	4.75	3.58	3.57	4.31	4.21	3.64	4.55	MEAN

LOCATION - LAT 60 04 52 N DRAINAGE AREA, 1 770 km²
LONG 133 51 30 W NATURAL FLOW

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	9.94 AT 13:00 YST ON MAY 13	9.83 ON MAY 13	---	---	1960
1961	8.41 AT 16:00 YST ON JUN 27	8.30 ON JUN 27	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	18.7 AT 21:00 YST ON JUN 7	18.5 ON J[illegible] 7	2.89B ON MAY 1	---	1964
1965	14.3 AT 18:00 YST ON MAY 31	14.2 ON MAY 30	---	---	1965
1966	8.52 AT 18:00 YST ON MAY 21	8.44 ON MAY 21	---	---	1966
1967	15.1 AT 19:00 YST ON MAY 21	15.0 ON MAY 19	---	---	1967
1968	6.65 AT 09:45 YST ON MAY 22	6.54 ON JUN 1	1.71B ON APR 6	114 000	1968
1969	9.17 AT 20:00 YST ON MAY 29	9.15 ON MAY 29	2.55B ON FEB 5	162 000	1969
1970	8.35 AT 01:21 YST ON MAY 30	8.13 ON MAY 22	1.57 ON AUG 11	129 000	1970
1971	9.88 AT 10:15 YST ON MAY 29	9.85 ON MAY 27	1.46 ON AUG 29 *	121 000	1971
1972	23.6 AT 15:42 YST ON JUN 4 *	23.6 ON JUN 4 *	2.25B ON MAR 10	178 000	1972
1973	9.20 AT 00:07 YST ON MAY 20	9.12 ON MAY 17	2.62B ON MAR 22	124 000	1973
1974	13.0 AT 04:32 YST ON MAY 31	12.7 ON MAY 31	1.48B ON MAR 15	165 000	1974
1975	9.51 AT 22:20 YST ON MAY 18	9.43 ON MAY 19	2.83B ON FEB 10	132 000	1975
1976	---	13.4 A ON MAY 14	2.76B ON MAR 12	174 000	1976
1977	11.2 AT 06:40 YST ON JUN 9	11.2 ON JUN 9	3.03B ON MAR 13	171 000	1977
1978	6.57 AT 01:00 YST ON MAY 23	6.43 ON MAY 23	2.51 ON AUG 30	108 000	1978
1979	13.1 AT 11:49 PST ON JUL 13	13.0 ON JUL 13	1.74B ON FEB 10	161 000	1979
1980	8.75 AT 14:30 YST ON MAY 17	8.73 ON MAY 17	2.00B ON AUG 27	119 000	1980
1981	12.2 AT 22:00 YST ON MAY 18	12.2 ON MAY 18	2.78 ON AUG 26	152 000	1981
MEAN				144 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	2.08	1.95	2.47	16.6	15.0	9.05	5.37	6.46	5.59	3.45	2.56	---	1956
1957	2.17	2.05	1.91	4.20	42.0	30.9	13.8	9.61	7.27	6.29	7.00	3.33	10.9	1957
1958	2.73	2.37	2.56	2.59	11.3	9.66	3.34	3.09	3.94	---	---	---	---	1958
1959	2.31	1.91	1.74	1.85	---	24.5	9.09	13.1	12.7	7.01	3.86	3.47	---	1959
1960	2.98	2.46	2.03	---	---	21.8	11.5	11.2	11.2	8.42	5.66	3.68	---	1960
1961	3.06	2.69	2.69	2.69	---	33.7	18.8	18.2	18.1	12.7	5.38	4.81	---	1961
1962	3.96	3.45	3.45	3.45	16.2	57.0	22.4	11.2	10.6	---	---	---	---	1962
1963	---	---	---	---	---	28.5	27.8	14.4	15.7	17.0	---	---	---	1963
1964	---	---	---	---	---	---	16.7	12.3	---	---	---	---	---	1964
1965	---	---	---	---	12.1	21.5	10.7	5.35	6.02	6.31	3.95	3.02	---	1965
1966	2.62	2.43	2.30	4.28	11.7	29.2	13.0	12.6	12.9	11.6	7.27	5.21	9.61	1966
1967	4.10	3.41	3.15	3.24	24.3	44.6	17.1	13.9	12.7	8.22	5.85	3.84	12.1	1967
1968	3.34	3.18	3.06	3.30	21.4	19.2	12.3	13.3	16.3	12.9	5.58	3.56	9.80	1968
1969	2.97	3.07	3.01	3.62	23.2	28.0	18.0	19.0	19.4	12.1	7.36	5.54	12.2	1969
1970	3.66	3.38	3.33	3.36	15.6	13.4	8.28	6.82	9.75	9.79	5.10	3.51	7.19	1970
1971	3.09	3.17	3.07	3.00	10.4	32.1	12.3	9.18	8.08	6.16	3.97	3.34	8.15	1971
1972	2.79	2.32	1.86	2.08	20.2	44.3	12.3	13.3	9.76	7.71	5.53	4.07	10.5	1972
1973	3.10	2.45	2.62	2.88	16.7	31.3	16.6	11.1	12.3	8.20	3.94	2.74	9.52	1973
1974	2.72	2.69	2.73	2.87	22.2	25.7	14.2	18.4	12.9	10.2	5.91	4.95	10.5	1974
1975	3.51	2.90	2.67	3.38	20.1	25.6	20.5	---	---	---	6.88	4.23	---	1975
1976	3.62	3.27	3.43	3.87	17.5	36.2	16.6	9.70	8.52	6.94	4.84	3.58	9.83	1976
1977	3.52	3.61	3.23	3.68	13.1	28.8	20.3	11.8	10.9	10.7	5.77	3.41	9.91	1977
1978	2.96	2.70	2.52	2.86	13.6	17.8	7.52	---	---	---	4.21	2.85	---	1978
1979	2.50	2.44	2.66	3.35	18.8	25.4	25.5	11.8	9.75	9.15	6.30	4.11	10.2	1979
1980	3.25	3.02	2.72	3.54	13.6	16.7	9.42	10.2	14.4	16.9	9.82	4.57	9.02	1980
1981	4.32	4.10	4.14	4.44	26.7	19.8	17.7	9.34	9.77	9.68	6.97	4.36	10.1	1981
1982	2.98	2.48	2.01	1.72	12.3	32.8	9.66	7.36	7.29	7.35	5.34	3.72	7.91	1982
MEAN	3.14	2.82	2.70	3.16	18.2	27.4	14.6	11.3	11.1	9.59	5.65	3.85	9.84	MEAN

LOCATION - LAT 60 36 45 N DRAINAGE AREA, 1 700 km²
LONG 134 27 27 W NATURAL FLOW

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	30.0 AT 08:00 YST ON MAY 21	28.0 ON MAY 21	1.93B ON MAR 10	---	1956
1957	---	92.3A ON MAY 22	1.87B ON MAR 14	344 000	1957
1958	33.7 AT 12:00 YST ON MAY 24	28.6 ON MAY 24	2.32B ON FEB 10	---	1958
1959	40.8 AT 15:00 YST ON JUN 3	37.9 ON MAY 29	1.70B ON MAR 29	---	1959
1960	43.3 AT 11:30 YST ON MAY 27	39.4 ON MAY 27	1.98B ON MAR 10	---	1960
1961	---	---	2.69B ON FEB 1	---	1961
1962	---	75.6E ON JUN 17	3.45B ON FEB 1	---	1962
1963	74.2 AT 19:00 YST ON MAY 23	69.1 ON MAY 23	---	---	1963
1964	89.5 AT 20:00 YST ON JUN 8	88.3A ON JUN 8	---	---	1964
1965	39.6 AT 12:15 YST ON JUN 1	38.5 ON MAY 31	---	---	1965
1966	60.9 AT 13:30 YST ON JUN 6	56.4 ON JUN 6	2.27B ON MAR 23	303 000	1966
1967	85.2 AT 13:30 YST ON MAY 31	82.4 ON MAY 31	3.03E ON APR 1	381 000	1967
1968	69.4 AT 09:30 YST ON MAY 23	66.0 ON MAY 23	3.03B ON MAR 8	310 000	1968
1969	64.6 AT 19:00 YST ON MAY 25	59.5 ON MAY 25	2.75B ON MAR 17	384 000	1969
1970	28.0 AT 14:17 YST ON MAY 14	25.9 ON MAY 23	3.23B ON APR 3	227 000	1970
1971	49.3 AT 14:26 YST ON JUN 10	44.2 ON JUN 10	2.86B ON JAN 18	257 000	1971
1972	113 AT 00:44 YST ON JUN 1 *	104 ON JUN 1 *	1.80B ON MAR 8	332 000	1972
1973	45.0 AT 04:26 YST ON JUN 11	44.5 ON JUN 11	2.24B ON FEB 13	300 000	1973
1974	77.0 AT 13:02 YST ON MAY 26	74.2 ON MAY 26	2.55B ON JAN 1	331 000	1974
1975	51.5 AT 10:36 YST ON JUN 3	47.9 ON JUN 3	2.52B ON MAR 24	---	1975
1976	65.4 AT 15:17 YST ON JUN 5	61.7 ON JUN 5	2.83B ON FEB 27	311 000	1976
1977	42.5 AT 11:42 YST ON JUN 3	40.8 ON JUN 3	2.89B ON MAR 22	313 000	1977
1978	30.3 AT 15:35 YST ON JUN 5	27.4 ON JUN 5		---	1978
1979	46.4 AT 12:20 YST ON JUL 7	44.0 ON JUL 7	2.21B ON FEB 9	322 000	1979
1980	36.6 AT 14:07 YST ON JUN 5	31.4 ON JUN 5	2.65B ON MAR 14	285 000	1980
1981	---	46.0E ON MAY 22	3.40B ON DEC 31	320 000	1981
1982	56.6 AT 18:43 YST ON JUN 8	52.8 ON JUN 9	1.67B ON APR 21 *	250 000	1982
				311 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAYO RIVER NEAR MAYO - STATION NO. 09DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	31.6	21.2	16.6	---	1945
1946	10.9	4.61	---	---	---	58.1	17.4	15.0	15.2	11.0	7.11	4.15	---	1946
1947	---	---	3.45	8.65	44.2	52.0	19.5	---	---	---	---	---	---	1947
1949	---	---	---	---	---	107	76.0	37.3	21.3	---	---	---	---	1949
1950	---	---	---	---	---	32.9	16.7	10.5	9.82	10.8	---	---	---	1950
MEAN	10.9	4.61	3.45	8.65	44.2	62.5	32.4	20.9	15.4	17.8	14.2	10.4	---	MEAN

LOCATION - LAT 63 42 07 N DRAINAGE AREA, 2 260 km²
LONG 135 51 43 W REGULATED

MAYO RIVER NEAR MAYO - STATION NO. 09DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	99.1 ON MAY 27	---	---	1946
1947	---	114 ON MAY 26	---	---	1947
1949	---	121 ON JUN 6 *	---	---	1949
1950	---	37.7 ON JUN 21	---	---	1950
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	7.62	5.83	6.83	8.12	143	111	109	56.6	52.9	50.7	33.2	14.5	50.3	1979
1980	8.91	8.47	8.66	12.4	110	89.2	45.5	50.0	46.3	42.7	27.5	13.4	38.7	1980
1981	10.4	5.93	5.36	6.31	75.9	71.4	56.5	42.9	58.8	38.7	18.2	10.3	33.6	1981
1982	6.70	6.12	5.56	5.72	93.0	130	53.1	28.2	22.3	18.2	11.8	9.23	32.6	1982
MEAN	8.41	6.59	6.60	8.14	105	100	66.0	44.4	45.1	37.6	22.7	11.9	38.8	MEAN

LOCATION - LAT 63 36 40 N, LONG 137 16 10 W — DRAINAGE AREA, 2 870 km², NATURAL FLOW

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	232 AT 02:25 YST ON MAY 26	229 ON MAY 26	5.64B ON FEB 9	1 590 000	1979
1980	188 AT 15:30 YST ON MAY 15	183 ON MAY 18	6.88B ON JAN 30	1 220 000	1980
1981	---	152A ON MAY 19	4.98B ON FEB 15 *	1 060 000	1981
1982	242 AT 04:45 YST ON MAY 30 *	237 ON MAY 30 *	5.19B ON MAR 30	1 030 000	1982
				1 230 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	15.8	13.8	14.8	21.0	158	358	239	109	67.0	72.7	37.1	22.0	94.3	1979
1980	18.7	16.8	14.4	14.0	122	300	136	117	99.5	117	62.0	33.1	87.6	1980
1981	25.5	20.6	19.0	16.9	249	262	147	73.9	118	97.2	62.8	27.1	93.6	1981
1982	17.2	13.2	11.0	10.1	79.5	292	108	51.6	50.8	54.9	35.0	24.9	62.4	1982
MEAN	19.3	16.1	14.8	15.5	152	303	158	87.9	83.8	85.5	49.2	26.8	84.5	MEAN

LOCATION - LAT 60 20 35 N, LONG 132 32 41 W — DRAINAGE AREA, 8 030 km², NATURAL FLOW

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	490 AT 19:43 YST ON JUN 4	489 ON JUN 4	12.7 B ON FEB 13	2 970 000	1979
1980	483 AT 16:40 YST ON JUN 9	482 ON JUN 9	12.9 B ON APR 12	2 770 000	1980
1981	545 AT 17:44 YST ON MAY 29 *	541 ON MAY 29 *	15.4 B ON APR 15	2 950 000	1981
1982	503 AT 18:27 YST ON JUN 11	500 ON JUN 11	9.75B ON APR 15 *	1 970 000	1982
				2 670 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	25.0	16.4	11.6	8.00	4.84	---	1982
MEAN	---	---	---	---	---	---	---	25.0	16.4	11.6	8.00	4.84	---	MEAN

LOCATION - LAT 62 03 00 N, LONG 136 16 45 W — DRAINAGE AREA, 6 370 km², NATURAL FLOW

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	9.94	11.6	9.14	4.81	3.34	2.61	---	1974
1975	2.03	2.19	2.08	1.99	28.9	59.7	26.7	18.6	17.8	11.2	5.26	3.10	15.0	1975
1976	2.71	2.16	1.76	2.35	18.5	47.1	18.1	13.6	8.51	5.77	3.20	1.94	10.5	1976
1977	2.33	2.74	2.07	2.66	22.2	59.3	20.1	11.9	9.31	7.66	3.98	2.56	12.2	1977
1978	2.47	2.24	1.98	2.64	12.4	38.6	19.4	10.4	11.2	8.71	4.55	3.23	9.84	1978
1979	2.37	1.78	1.93	2.26	27.9	51.4	43.4	19.1	14.8	11.0	5.51	3.41	15.5	1979
1980	2.62	2.22	2.11	2.15	24.5	46.4	22.8	24.0	15.5	10.6	4.69	1.97	13.3	1980
1981	2.42	2.35	2.94	2.84	28.2	29.1	32.2	26.5	23.8	15.7	8.38	5.44	15.1	1981
1982	2.70	2.37	2.32	2.55	16.2	63.6	22.6	12.0	11.4	6.63	4.17	2.96	12.5	1982
MEAN	2.46	2.26	2.15	2.43	22.4	49.4	23.9	16.4	13.5	9.12	4.79	3.02	13.8	MEAN

LOCATION - LAT 64 01 16 N DRAINAGE AREA, 1 100 km²
LONG 138 34 58 W NATURAL FLOW

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	95.1 AT 08:42 YST ON JUN 4	85.8 ON JUN 4	1.78B ON JAN 9	473 000	1975
1976	85.8 ON JUN 19	80.1A ON JUN 19	1.64B ON MAR 30 *	331 000	1976
1977	88.6 AT 03:40 YST ON JUN 3	77.9 ON JUN 3	1.84B ON MAR 23	386 000	1977
1978	64.0 AT 18:04 YST ON JUN 17	52.7 ON JUN 17	1.87B ON MAR 31	310 000	1978
1979	89.5 AT 22:55 YST ON JUL 8	83.6 ON JUL 8	1.70B ON FEB 12	488 000	1979
1980	111 AT 06:22 YST ON JUN 7	96.7 ON JUN 7	1.68B ON DEC 18	421 000	1980
1981	99.1 AT 06:00 YST ON MAY 28	87.2A ON MAY 28	1.73B ON FEB 12	475 000	1981
1982	156 AT 03:00 YST ON JUN 9 *	137 ON JUN 8 *	2.17B ON MAR 16	393 000	1982
MEAN				410 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY - STATION NO. 10MA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	45.8	52.6	---	8.62	3.60	2.17	---	1974
1975	0.960	0.674	0.711	0.937	200	123	33.0	57.8	44.0	9.99	4.03	2.01	40.1	1975
1976	1.35	1.08	0.923	1.05	84.7	96.2	26.5	30.5	17.7	4.32	2.63	1.76	22.4	1976
1977	1.49	1.53	1.05	1.19	171	123	24.3	13.8	21.0	14.0	4.39	1.30	31.7	1977
1978	1.15	0.984	0.915	0.973	72.9	115	26.7	15.0	30.5	18.1	5.68	4.42	24.4	1978
1979	3.65	2.62	2.54	2.29	203	75.1	126	79.3	42.4	18.3	8.82	3.49	47.8	1979
1980	1.83	1.24	1.11	1.26	120	46.0	28.8	83.4	29.6	10.6	3.89	2.21	27.7	1980
1981	1.11	0.795	0.834	0.880	109	46.4	122	50.1	30.9	13.3	3.56	1.89	32.1	1981
1982	1.12	0.967	0.808	0.730	166	101	26.1	31.2	40.3	17.0	6.10	2.37	33.0	1982
MEAN	1.58	1.24	1.11	1.16	141	90.7	51.0	46.0	32.1	12.7	4.74	2.40	32.4	MEAN

LOCATION - LAT 65 21 45 N DRAINAGE AREA, 5 410 km²
LONG 138 17 50 W NATURAL FLOW

OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY - STATION NO. 10MA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	878 ON MAY 31 *	663A ON MAY 31 *	0.575B ON FEB 12 *	1 260 000	1975
1976	442 AT 11:46 YST ON JUN 19	411 ON JUN 19	0.793B ON MAR 30	709 000	1976
1977	498 AT 08:20 YST ON MAY 20	467 ON MAY 20	0.906B ON MAR 24	998 000	1977
1978	283 AT 17:45 YST ON JUN 2	271 ON JUN 2	0.872B ON MAR 23	768 000	1978
1979	447 AT 19:20 YST ON MAY 25	434 ON MAY 23	2.08 B ON APR 28	1 510 000	1979
1980	407 AT 15:37 YST ON MAY 17	391 ON MAY 17	1.05 B ON MAR 12	875 000	1980
1981	---	462A ON JUL 20	0.701B ON FEB 18	1 010 000	1981
1982	630 AT 03:11 YST ON MAY 27	619 ON MAY 27	0.685B ON APR 15	1 040 000	1982
MEAN				1 020 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	18.4	19.0	10.7	6.12	3.42	---	1976
1977	1.95	1.21	1.16	1.21	81.4	634	96.3	23.1	17.2	17.6	5.37	2.20	73.1	1977
1978	1.29	1.05	0.988	0.921	13.8	298	80.3	14.0	9.35	8.03	3.60	2.03	35.9	1978
1979	0.981	0.580	0.614	0.753	81.2	79.1	18.4	9.49	45.2	22.9	8.55	2.49	22.6	1979
1980	0.812	0.572	0.501	0.465	119	328	57.0	145	97.6	22.2	8.09	2.88	65.0	1980
1981	1.41	0.847	0.757	0.803	---	---	---	---	---	---	7.09	5.11	---	1981
MEAN	1.29	0.852	0.804	0.830	73.9	335	63.0	42.0	37.7	16.3	6.47	3.02	49.2	MEAN

LOCATION - LAT 67 38 04 N DRAINAGE AREA, 13 900 km²
LONG 139 41 47 W NATURAL FLOW

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	617 ON JUN 5	569A ON JUN 6	---	---	1976
1977	1 710 AT 11:20 YST ON JUN 4 *	1 690 ON JUN 4 *	1.13 B ON MAR 30	2 300 000	1977
1978	779 AT 01:15 YST ON JUN 8	767 ON JUN 8	0.838B ON APR 5	1 130 000	1978
1979	173 AT 23:40 YST ON MAY 24	169 ON MAY 24	0.524B ON FEB 12	713 000	1979
1980	---	1 000E ON MAY 29	0.411B ON APR 10 *	2 060 000	1980
1981	737 AT 17:30 YST ON MAY 25	730 ON MAY 25	0.687B ON MAR 26	---	1981
				1 550 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	562	486	309	---	---	---	---	1962
1963	---	24.4	24.4	26.2	905	445	332	266	77.8	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	437	785	658	424	---	---	---	---	1965
1968	---	---	---	---	---	---	266	190	138	50.6	26.1	20.0	---	1968
1969	16.9	16.4	16.2	58.4	390	341	98.3	160	154	53.4	33.2	33.6	115	1969
1970	21.2	15.9	15.7	16.0	316	618	427	353	258	70.2	33.9	25.5	182	1970
1971	19.3	17.9	18.3	17.1	1 300	839	266	449	319	109	51.6	31.9	288	1971
1972	22.0	19.5	20.8	22.3	373	774	218	235	268	102	52.0	36.6	178	1972
1973	24.5	16.5	12.3	12.6	---	---	---	574	330	114	43.9	27.8	---	1973
1974	18.3	15.2	15.5	16.8	156	393	280	451	197	73.9	50.3	40.0	143	1974
1975	25.9	20.1	18.4	21.1	534	874	335	286	302	108	47.8	37.5	218	1975
1976	28.0	19.9	16.1	15.8	363	499	216	261	199	122	63.1	31.9	153	1976
1977	25.4	21.9	17.3	19.3	594	694	210	108	103	70.2	46.7	33.9	162	1977
1978	25.8	22.3	20.0	19.1	75.9	775	---	---	196	109	39.4	26.5	---	1978
1979	21.6	17.4	19.4	21.5	1 100	584	948	479	287	184	102	48.2	321	1979
1980	31.3	28.7	26.7	24.9	380	581	236	506	270	103	34.5	15.7	187	1980
1981	13.0	12.8	14.3	15.7	744	304	501	258	207	123	63.9	36.9	193	1981
1982	22.9	22.6	21.4	20.9	716	665	216	247	178	97.9	48.2	32.2	192	1982
MEAN	22.6	19.4	18.5	21.8	568	588	369	351	234	99.3	49.1	31.9	194	MEAN

LOCATION - LAT 65 53 40 N DRAINAGE AREA, 25 700 km²
LONG 136 02 10 W NATURAL FLOW

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1962	---	---	---	---	1962
1963	2 310 AT 06:00 YST ON MAY 21	2 190 ON MAY 22	24.4B ON FEB 1	---	1963
1964	5 920 AT 04:20 YST ON JUN 4 *	5 720 ON JUN 4 *	---	---	1964
1965	2 690 AT 17:30 YST ON JUL 6	2 330 ON JUL 6	---	---	1965
1968	---	---	---	---	1968
1969	1 360 AT 22:00 YST ON MAY 24	1 270 ON MAY 24	14.7B ON MAR 19	3 610 000	1969
1970	---	1 850E ON MAY 27	15.0B ON MAR 4	5 720 000	1970
1971	---	4 220E ON MAY 21	15.6B ON APR 11	9 090 000	1971
1972	2 660 AT 09:40 YST ON MAY 30	2 390A ON MAY 30	18.2B ON JAN 24	5 630 000	1972
1973	---	---	11.4B ON MAR 21 *	---	1973
1974	---	991E ON MAY 30	14.3B ON MAR 9	4 510 000	1974
1975	2 440 ON MAY 31	2 350E ON MAY 31	18.1B ON MAR 17	6 880 000	1975
1976	1 110 AT 17:00 YST ON JUN 20	1 010 ON JUN 20	14.7B ON APR 1	4 840 000	1976
1977	---	1 700E ON MAY 21	15.3B ON MAR 26	5 130 000	1977
1978	1 390 AT 18:45 YST ON JUN 28	1 310 ON JUN 29	18.3B ON APR 7	---	1978
1979	---	3 110E ON MAY 22	16.0B ON FEB 13	10 100 000	1979
1980	---	1 450E ON MAY 26	13.0B ON DEC 29	5 920 000	1980
1981	---	2 050E ON MAY 12	12.6B ON FEB 15	6 080 000	1981
1982	---	3 500E ON MAY 28	19.7B ON APR 14	6 040 000	1982
				6 130 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	749	296	481	494	192	64.4	---	1952
1953	41.9	43.7	43.4	49.9	681	536	618	318	432	246	157	84.3	273	1953
1954	36.8	33.7	34.1	42.5	632	988	741	480	323	252	78.0	62.6	310	1954
1955	57.9	56.3	47.9	41.8	391	1 090	862	716	401	245	114	74.4	343	1955
1956	50.2	36.1	30.1	36.3	708	1 170	575	269	316	121	58.6	54.1	286	1956
1957	51.8	48.8	45.2	56.3	1 630	1 830	849	349	212	169	---	---	---	1957
1958	---	49.3	42.0	93.2	648	838	379	348	320	---	---	---	---	1958
1959	53.8	44.9	42.3	---	---	1 580	605	600	456	---	---	---	---	1959
1960	76.4	60.0	52.0	156	903	1 040	711	618	566	371	208	142	410	1960
1961	96.3	56.6	56.6	45.3	919	1 750	840	433	470	427	198	113	451	1961
1962	79.3	60.6	58.0	53.8	711	2 700	1 290	683	578	412	147	116	575	1962
1963	96.3	82.1	68.0	59.5	1 070	1 490	1 070	596	665	473	197	124	502	1963
1964	87.8	78.4	70.8	61.3	426	2 840	1 150	859	633	325	166	117	566	1964
1965	66.2	51.0	46.7	56.6	422	1 040	699	356	400	318	115	97.9	307	1965
1966	43.5	44.8	44.0	51.8	610	1 350	645	290	245	218	94.4	66.2	309	1966
1967	55.6	50.4	46.3	47.0	701	1 880	803	503	452	307	137	86.9	423	1967
1968	63.0	55.7	62.7	69.8	743	1 450	927	531	538	332	130	89.5	416	1968
1969	53.2	39.2	38.7	60.5	572	943	601	611	683	305	123	85.1	344	1969
1970	54.2	53.4	50.7	55.8	673	1 220	845	580	468	411	149	79.6	388	1970
1971	62.9	48.9	43.3	51.3	748	1 570	609	314	279	205	152	90.5	348	1971
1972	51.0	42.8	40.6	39.8	762	1 980	925	602	372	189	108	90.2	434	1972
1973	50.9	44.1	43.2	55.8	999	1 320	716	549	555	211	99.6	69.0	394	1973
1974	45.0	34.0	28.9	37.8	683	1 280	508	598	343	221	113	75.7	332	1974
1975	55.5	55.0	51.4	60.9	883	1 830	916	457	479	429	168	106	459	1975
1976	71.5	60.5	57.2	59.7	936	1 190	940	463	323	251	109	81.0	380	1976
1977	68.1	62.0	53.6	54.4	878	1 210	672	436	416	344	157	76.4	371	1977
1978	57.1	43.9	36.5	40.5	547	1 080	726	655	346	368	197	108	352	1978
1979	61.8	49.8	54.0	60.2	870	1 630	934	607	282	260	119	81.5	419	1979
1980	64.2	52.1	50.8	70.8	626	761	558	456	442	376	199	95.3	313	1980
1981	71.1	61.2	57.4	69.3	932	801	540	339	352	315	146	90.9	316	1981
1982	46.6	32.6	33.6	38.6	528	1 260	544	368	284	291	140	90.4	306	1982
MEAN	61.0	51.1	47.7	57.8	753	1 390	760	493	423	306	142	89.7	382	MEAN

LOCATION - LAT 62 49 47 N DRAINAGE AREA, 49 000 km²
LONG 136 3P 50 W NATURAL FLOW

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1952	---	---	---	---	1952
1953	---	1 100 ON MAY 21	38.2B ON APR 4	8 600 000	1953
1954	---	1 570 ON MAY 30	33.4B ON FEB 2	9 780 000	1954
1955	---	1 480 ON JUN 28	41.1B ON APR 21	10 800 000	1955
1956	---	1 740 ON MAY 25	28.9B ON MAR 17	9 040 000	1956
1957	---	4 300 ON MAY 28 *	44.5B ON MAR 23	---	1957
1958	---	1 550 ON MAY 27	40.5 ON MAR 28	---	1958
1959	---	---	---	---	1959
1960	---	1 230 ON JUN 22	47.6B ON APR 3	13 000 000	1960
1961	---	2 440A ON JUN 13	45.3B ON APR 1	14 200 000	1961
1962	---	2 970E ON JUN 21	53.8B ON APR 1	18 100 000	1962
1963	2 490 AT 01:00 YST ON MAY 28	2 460 ON MAY 27	59.5B ON APR 1	15 800 000	1963
1964	4 160 AT 09:00 YST ON JUN 11 *	4 130 ON JUN 11	59.5B ON APR 21	17 900 000	1964
1965	1 770 AT 04:30 YST ON JUN 3	1 750 ON JUN 3	46.7B ON MAR 1	9 680 000	1965
1966	1 710 AT 09:00 YST ON JUN 13	1 670 ON JUN 12	40.8B ON JAN 11	9 750 000	1966
1967	3 000 AT 11:45 YST ON JUN 5	2 970 ON JUN 5	43.6B ON APR 15	13 300 000	1967
1968	2 010 AT 23:00 YST ON MAY 25	1 970 ON MAY 25	51.5B ON FEB 3	13 200 000	1968
1969	1 400 AT 00:01 YST ON JUN 13	1 370 ON JUN 12	32.6B ON MAR 28	10 900 000	1969
1970	2 280 AT 12:00 YST ON JUN 10	2 260 ON JUN 10	50.1B ON MAR 21	12 200 000	1970
1971	2 170 AT 10:30 YST ON JUL 1	2 040 ON JUN 15	40.5B ON MAR 31	11 000 000	1971
1972	3 450 AT 17:40 YST ON JUN 4	3 430 ON JUN 4	39.1B ON APR 21	13 700 000	1972
1973	1 930 AT 11:00 YST ON MAY 20	1 930 ON MAY 20	41.9B ON MAR 20	12 400 000	1973
1974	1 800 AT 03:41 YST ON MAY 29	1 790 ON MAY 29	28.3B ON MAR 11	10 500 000	1974
1975	2 590 AT 16:00 YST ON JUN 7	2 590 ON JUN 7	50.4B ON MAR 8	14 500 000	1975
1976	1 440 AT 06:00 YST ON MAY 9	1 420 ON JUN 7	56.4B ON APR 11	12 000 000	1976
1977	2 020 AT 04:10 YST ON MAY 31	1 980 ON MAY 31	48.4B ON APR 3	11 700 000	1977
1978	1 530 AT 04:10 YST ON JUN 8	1 510 ON JUN 7	35.1B ON MAR 3	11 100 000	1978
1979	2 220 AT 05:25 YST ON JUN 8	2 180 ON JUN 8	44.7B ON FEB 13	13 200 000	1979
1980	1 280 AT 05:05 YST ON MAY 19	1 270 ON MAY 19	47.9B ON MAR 3	9 910 000	1980
1981	1 460 AT 01:33 YST ON MAY 30	1 440 ON MAY 30	55.4B ON APR 1	9 990 000	1981
1982	1 780 AT 03:25 YST ON JUN 12	1 740 ON JUN 12	28.0B ON FEB 26 *	9 640 000	1982
MEAN				12 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	349	208	136	115	39.1	---	---	1954
1955	---	---	---	---	204	637	543	325	133	61.0	---	---	---	1955
1956	---	---	---	---	---	734	283	135	162	---	---	---	---	1956
1957	---	---	---	---	475	722	353	132	59.3	---	---	---	---	1957
1958	---	---	---	---	267	358	177	169	162	---	---	---	---	1958
1959	21.2	16.4	13.7	---	---	646	289	324	215	---	---	38.2	---	1959
1960	27.0	20.2	17.2	24.9	500	622	342	256	250	153	80.0	51.0	196	1960
1961	34.5	21.5	21.5	19.3	445	901	328	165	229	184	82.1	51.0	207	1961
1962	34.0	22.7	22.7	22.7	429	1 320	487	234	198	111	48.1	39.6	248	1962
1963	31.1	27.2	23.8	21.0	463	643	433	203	289	185	84.3	55.5	206	1963
1964	39.1	30.6	24.1	23.8	110	1 210	473	417	294	153	51.9	34.1	238	1964
1965	21.0	14.8	14.7	19.6	233	536	351	176	212	170	68.4	60.4	157	1965
1966	17.0	16.4	16.4	18.3	324	683	291	139	112	115	46.9	30.5	151	1966
1967	22.4	18.3	16.2	19.0	386	836	350	211	189	124	41.8	24.4	187	1967
1968	21.1	19.4	19.1	21.7	374	701	419	258	262	139	48.8	25.7	193	1968
1969	12.6	12.4	11.9	17.4	293	437	334	330	342	135	60.7	35.7	169	1969
1970	22.3	18.9	18.5	21.3	324	524	422	284	221	184	55.9	30.0	178	1970
1971	24.2	22.9	17.1	20.4	413	715	246	131	127	91.4	46.2	27.1	157	1971
1972	16.1	13.9	13.3	13.0	407	930	408	259	150	81.3	43.5	30.2	197	1972
1973	17.9	15.0	14.8	17.5	417	625	301	270	255	94.8	37.0	16.6	174	1973
1974	8.86	6.95	6.45	10.9	324	594	225	252	141	101	51.9	32.9	147	1974
MEAN	23.1	18.6	17.0	19.4	355	719	353	232	197	129	55.4	36.4	187	MEAN

LOCATION - LAT 61 59 12 N DRAINAGE AREA, 18 400 km²
LONG 132 26 54 W NATURAL FLOW

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1954	---	---	---	---	1954
1955	---	1 060 ON JUL 1	---	---	1955
1956	---	1 010E ON JUN 10	---	---	1956
1957	---	1 220 ON MAY 24	---	---	1957
1958	---	589 ON MAY 27	---	---	1958
1959	---	---	---	---	1959
1960	711 AT 11:00 YST ON JUN 21	705 ON JUN 21	16.7 B ON MAR 15	6 190 000	1960
1961	1 510 AT 10:00 YST ON JUN 11	1 490 ON JUN 11	19.3 B ON APR 1	6 540 000	1961
1962	1 620 AT 16:20 YST ON JUN 18	1 580 ON JUN 18	22.7 B ON FEB 1	7 800 000	1962
1963	---	1 200A ON MAY 25	21.0 B ON APR 1	6 490 000	1963
1964	2 010 AT 14:00 YST ON JUN 7 *	2 010A ON JUN 7 *	23.4 B ON MAR 9	7 530 000	1964
1965	940 AT 11:00 YST ON JUN 3	934 ON JUN 2	14.7 B ON FEB 4	4 950 000	1965
1966	852 AT 13:00 YST ON JUN 17	847 ON JUN 16	15.7 B ON JAN 10	4 770 000	1966
1967	1 460 AT 19:30 YST ON JUN 2	1 440 ON JUN 2	15.1 B ON APR 4	5 900 000	1967
1968	974 AT 22:00 YST ON MAY 23	954 ON MAY 23	15.3 B ON DEC 31	6 090 000	1968
1969	892 AT 04:00 YST ON JUL 15	869 ON JUL 15	10.8 B ON MAR 23	5 340 000	1969
1970	1 060 AT 22:27 YST ON JUN 7	1 020 ON JUN 7	17.6 B ON APR 14	5 620 000	1970
1971	917 AT 11:17 YST ON JUN 12	909 ON JUN 12	14.6 B ON MAR 25	4 950 000	1971
1972	1 760 AT 22:00 YST ON JUN 1	1 720A ON JUN 1	12.7 B ON APR 13	6 230 000	1972
1973	867 AT 02:00 YST ON MAY 19	847 ON MAY 19	11.0 B ON DEC 31	5 500 000	1973
1974	940 AT 22:18 YST ON MAY 27	929 ON MAY 27	6.20B ON MAR 11 *	4 630 000	1974
MEAN				5 900 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09BC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	172	99.5	56.9	40.3	---	1972
1973	24.2	19.0	17.7	21.9	435	712	345	281	280	112	47.5	24.3	194	1973
1974	14.5	10.9	10.0	14.2	343	680	270	289	174	128	66.7	43.1	171	1974
1975	28.0	22.9	21.3	25.1	487	972	533	241	259	214	72.6	36.6	244	1975
1976	28.1	23.7	20.5	21.3	532	704	520	223	168	129	61.0	38.1	206	1976
1977	31.4	27.2	24.9	26.0	511	662	390	243	245	174	75.8	35.1	205	1977
1978	24.7	17.6	15.5	18.7	345	620	456	338	172	193	93.8	48.2	196	1978
1979	28.8	22.4	21.4	25.0	422	892	453	278	117	120	56.4	39.1	207	1979
1980	26.4	20.8	20.3	24.3	388	400	214	236	215	199	96.3	39.4	157	1980
1981	28.0	23.7	22.4	23.2	567	466	272	131	156	128	53.3	32.4	159	1981
1982	21.3	17.0	14.8	20.6	183	615	232	153	148	160	54.1	29.3	138	1982
MEAN	25.5	20.5	18.9	22.0	421	672	369	241	191	151	66.8	36.9	188	MEAN

LOCATION - LAT 62 13 20 N DRAINAGE AREA, 22 100 km²
LONG 133 22 40 W NATURAL FLOW

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09BC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	895 AT 20:05 YST ON JUN 13	889 ON JUN 13	17.0 B ON MAR 20	6 130 000	1973
1974	977 AT 23:17 YST ON MAY 27	963 ON MAY 28	9.66B ON MAR 11 *	5 390 000	1974
1975	1 330 AT 11:27 YST ON JUN 6 *	1 330 ON JUN 6 *	20.8 B ON MAR 10	7 680 000	1975
1976	1 050 AT 14:20 YST ON MAY 7	799 ON JUN 11	18.7 B ON APR 9	6 530 000	1976
1977	1 100 AT 16:40 YST ON MAY 28	1 090 ON MAY 28	23.8 B ON APR 2	6 460 000	1977
1978	841 AT 11:40 YST ON JUN 7	824 ON JUN 7	14.9 B ON MAR 3	6 190 000	1978
1979	1 210 AT 17:35 YST ON JUN 6	1 200 ON JUN 6	20.1 B ON FEB 12	6 520 000	1979
1980	763 AT 15:51 YST ON MAY 17	753 ON MAY 18	19.0 B ON MAR 4	4 970 000	1980
1981	907 AT 13:30 YST ON MAY 29	900 ON MAY 29	21.0 B ON APR 15	5 030 000	1981
1982	831 AT 10:59 YST ON JUN 10	816 ON JUN 11	14.0 B ON MAR 30	4 330 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 920 000	MEAN

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	1 350	605	1 030	767	174	24.5	18.1	---	1961
1962	18.1	18.1	18.1	19.8	1 200	1 660	1 070	1 060	716	151	45.3	42.5	505	1962
1963	34.0	28.3	22.1	23.4	2 140	1 000	768	750	134	42.8	32.9	32.3	422	1963
1964	26.6	22.1	17.8	18.2	178	2 470	969	564	487	---	---	---	---	1964
1965	---	---	---	---	---	1 560	852	844	837	---	---	---	---	1965
1966	---	---	---	---	---	1 140	316	53.6	150	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	1 650	316	104	104	41.2	33.9	21.8	---	1968
1969	16.6	15.0	13.6	14.8	458	440	167	869	392	60.8	34.1	28.7	211	1969
1970	17.7	14.6	15.7	16.6	669	1 070	488	412	447	85.8	47.4	31.2	277	1970
1971	19.4	17.4	16.2	13.9	1 610	1 000	337	649	515	123	39.4	21.4	366	1971
1972	18.1	20.2	17.9	14.2	474	1 840	536	538	630	113	49.4	29.4	355	1972
1973	22.1	21.0	16.5	15.6	1 800	1 170	663	1 090	556	161	46.3	25.2	470	1973
1974	19.8	15.4	15.0	14.8	459	539	506	1 020	381	220	87.8	37.3	279	1974
1975	19.7	16.0	12.4	11.9	1 330	1 450	256	362	405	115	34.4	21.5	337	1975
1976	18.9	16.5	14.7	14.7	1 520	1 190	337	587	231	164	54.6	32.7	350	1976
1977	26.1	23.6	22.0	19.8	1 350	1 940	309	127	186	172	51.8	27.6	355	1977
1978	22.1	19.2	17.3	16.7	32.6	1 540	443	176	330	176	68.8	38.5	239	1978
1979	22.8	13.2	14.5	15.5	1 170	697	524	577	506	233	90.9	48.5	329	1979
1980	27.5	20.3	17.7	19.0	1 340	963	281	866	585	184	64.7	35.8	369	1980
1981	31.1	27.5	24.1	22.0	1 550	---	---	---	---	118	52.1	36.7	---	1981
1982	17.1	13.7	12.9	12.9	582	---	---	---	376	161	45.7	29.5	---	1982
MEAN	22.2	18.9	17.0	16.7	1 050	1 300	513	615	437	139	50.2	31.0	347	MEAN

LOCATION - LAT 67 33 50 N, LONG 139 53 00 W   DRAINAGE AREA, 55 400 km^2 NATURAL FLOW

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	4 760 ON MAY 28	18.1B ON JAN 1	15 900 000	1962
1963	---	5 490 ON MAY 18	22.1B ON MAR 1	13 300 000	1963
1964	---	6 710 ON JUN 4 *	17.8B ON MAR 1	---	1964
1965	---	5 040 ON MAY 25	---	---	1965
1966	---	4 500 ON MAY 17	---	---	1966
1967	---	4 470 ON JUN 5	---	---	1967
1968	---	4 470 ON JUN 2	---	---	1968
1969	---	1 580 ON AUG 7	12.0B ON MAR 20	6 650 000	1969
1970	---	2 410 ON MAY 28	14.0B ON FEB 5	8 740 000	1970
1971	---	6 170 ON MAY 22	12.0B ON MAY 2	11 600 000	1971
1972	---	3 430A ON JUN 1	13.0B ON MAY 4	11 200 000	1972
1973	5 800 AT 14:30 YST ON MAY 23	5 690A ON MAY 23	15.0B ON MAR 31	14 800 000	1973
1974	---	3 400E ON MAY 25	14.3B ON MAY 5	8 790 000	1974
1975	4 450 AT 15:00 YST ON MAY 29	4 420 ON MAY 29	11.0B ON APR 3 *	10 600 000	1975
1976	4 500 ON MAY 11	4 500E ON MAY 11	14.0B ON APR 1	11 100 000	1976
1977	6 310 ON MAY 20 *	6 140E ON MAY 20	19.3B ON APR 13	11 200 000	1977
1978	---	2 740A ON JUN 4	16.0B ON APR 14	7 540 000	1978
1979	---	2 740A ON MAY 17	12.0B ON FEB 10	10 400 000	1979
1980	---	6 530E ON MAY 21	16.1B ON MAR 17	11 700 000	1980
1981	4 230 AT 04:00 YST ON MAY 26	3 930A ON MAY 26	20.2B ON DEC 31	---	1981
1982	---	4 800E ON MAY 30	11.9B ON MAR 28	---	1982
				11 000 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	304	---	---	---	---	1964
1965	---	---	---	---	---	1 010	673	709	616	---	---	---	---	1965
1968	---	---	---	---	---	---	153	90.5	95.7	---	---	---	---	1968
1969	---	---	---	---	---	---	---	---	251	42.9	---	---	---	1969
1970	---	---	---	---	---	670	422	367	332	---	---	---	---	1970
1971	---	---	---	---	---	598	244	570	330	64.8	---	---	---	1971
1972	---	---	---	---	---	1 650	372	427	500	80.9	---	---	---	1972
1973	---	---	---	---	---	797	564	981	387	92.3	---	---	---	1973
1974	---	---	---	---	---	432	412	822	270	135	---	---	---	1974
1975	---	---	---	---	---	1 050	190	345	316	75.4	---	---	---	1975
1976	---	---	---	---	---	802	224	524	177	102	43.5	---	---	1976
1977	---	---	---	---	---	1 080	---	---	---	---	---	---	---	1977
1978	21.8	18.6	15.5	13.9	35.3	1 070	167	159	299	158	64.9	36.6	171	1978
1979	21.5	12.9	14.0	14.8	1 130	514	417	505	407	173	83.9	44.8	281	1979
1980	25.1	19.1	16.3	16.8	815	498	201	705	409	141	60.9	34.2	246	1980
1981	30.1	25.9	22.9	21.0	1 170	250	1 020	473	173	87.8	42.2	30.7	283	1981
1982	14.6	12.9	12.2	12.6	554	1 140	310	448	309	126	37.6	24.0	251	1982
MEAN	22.6	17.9	16.2	15.8	741	826	384	509	323	107	55.5	34.1	246	MEAN

LOCATION - LAT 67 26 25 N, LONG 137 47 01 W

DRAINAGE AREA, 36 000 km²

NATURAL FLOW

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	3 570 AT 21:26 YST ON MAY 28	3 510 ON MAY 28	---	---	1975
1976	---	---	---	---	1976
1977	5 150 ON MAY 19 *	5 100A ON MAY 19 *	---	---	1977
1978	---	2 440E ON JUN 3	13.5B ON APR 24	5 390 000	1978
1979	2 710 AT 18:06 YST ON MAY 17	2 700 ON MAY 17	11.5B ON FEB 11	8 840 000	1979
1980	3 610 AT 06:00 YST ON MAY 21	3 370 ON MAY 20	14.7B ON APR 10	7 790 000	1980
1981	3 280 AT 11:25 YST ON MAY 25	3 180 ON MAY 25	16.3B ON DEC 31	8 920 000	1981
1982	---	4 140E ON MAY 29	11.4B ON APR 4 *	7 910 000	1982
MEAN				7 770 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)

B - ICE CONDITIONS

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSE CREEK BELOW FARO CREEK - STATION NO. 09BC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	1.05	---	---	---	---	1966
1967	---	---	---	---	---	11.6	2.99	1.78	1.91	1.05	0.604	0.428	---	1967
1968	0.274	0.207	0.201	0.235	4.01	6.14	4.58	4.24	5.43	1.39	0.917	0.641	2.36	1968
1969	0.296	0.215	0.210	0.252	2.57	3.80	2.55	---	---	---	---	---	---	1969
MEAN	0.285	0.211	0.206	0.244	3.29	7.18	3.37	3.01	2.80	1.22	0.761	0.535	2.36	MEAN

LOCATION - LAT 62 20 30 N, LONG 133 24 30 W

DRAINAGE AREA, 208 km²

REGULATED

ROSE CREEK BELOW FARO CREEK - STATION NO. 09BC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	32.6 ON MAY 31 *	0.173B ON MAR 10 *	---	1967
1968	---	15.5 ON JUL 6	0.198B ON FEB 27	74 500	1968
1969	---	10.0 ON JUN 10	0.207B ON MAR 21	---	1969
MEAN				74 500	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	---	19.3	---	1960
1961	14.2	9.63	9.63	7.22	---	---	---	---	---	66.3	30.6	21.5	---	1961
1962	13.6	9.34	9.34	8.92	92.8	457	133	78.8	71.8	52.1	16.3	11.3	79.4	1962
1963	10.2	9.06	8.50	7.65	225	302	128	83.1	51.8	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	17.6	12.4	---	1964
1965	7.93	6.16	5.38	5.33	72.9	157	99.9	57.6	69.8	45.9	19.3	18.7	47.3	1965
1966	6.57	6.01	6.03	6.75	120	251	96.0	42.4	37.0	36.4	14.5	9.61	52.8	1966
1967	7.03	5.65	4.85	5.33	130	283	109	69.3	67.1	44.9	19.6	10.3	63.2	1967
1968	7.20	6.98	6.63	6.81	161	288	161	85.7	99.9	51.3	18.3	12.9	75.6	1968
1969	6.34	5.19	5.07	8.23	105	147	130	117	126	46.4	12.9	11.7	60.4	1969
1970	7.58	6.62	6.09	6.94	150	232	172	104	77.5	68.8	22.5	11.5	72.6	1970
1971	8.05	6.92	5.72	7.06	179	291	97.4	54.9	45.4	30.2	16.0	10.2	62.8	1971
1972	6.08	5.35	4.46	4.85	185	369	139	95.7	48.9	25.9	14.9	9.35	75.7	1972
1973	7.09	6.18	6.00	6.10	178	235	105	92.0	95.2	34.4	11.1	7.48	65.6	1973
1974	4.03	3.11	2.84	3.84	148	240	76.7	88.8	50.4	28.8	17.9	12.9	56.6	1974
1975	8.05	7.34	6.86	7.87	179	343	152	77.5	80.5	71.6	20.4	11.2	80.8	1975
1976	8.05	6.44	5.62	7.53	228	208	158	74.1	57.6	40.6	15.1	10.9	68.6	1976
1977	9.07	7.94	6.79	7.61	208	207	109	76.2	79.7	54.7	20.0	11.2	66.7	1977
1978	7.89	5.58	4.85	10.2	144	196	163	111	46.6	60.5	20.4	15.5	65.9	1978
1979	9.84	6.03	6.59	10.5	165	288	130	85.6	35.0	43.9	19.0	11.6	67.9	1979
1980	7.41	6.03	5.66	6.06	151	145	96.0	83.7	72.3	62.0	25.8	7.99	55.9	1980
1981	7.14	6.77	6.32	6.30	189	151	87.3	51.1	51.6	38.5	26.3	18.1	53.6	1981
1982	13.5	8.32	4.79	4.64	62.2	197	79.2	52.2	46.6	57.8	33.5	23.9	48.7	1982
MEAN	8.42	6.70	6.10	6.94	154	249	121	79.0	65.5	48.1	19.6	13.2	64.2	MEAN

LOCATION - LAT 61 59 40 N DRAINAGE AREA, 7 250 km²
LONG 132 22 40 W NATURAL FLOW

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	---	7.22B ON APR 1	---	1961
1962	---	589 ON JUN 18	8.92B ON APR 1	2 500 000	1962
1963	---	487E ON MAY 25	7.36B ON MAY 1	---	1963
1964	---	---	---	---	1964
1965	345 AT 22:00 YST ON JUN 3	343 ON JUN 3	5.10B ON APR 1	1 490 000	1965
1966	323 AT 04:15 YST ON JUN 17	320 ON JUN 16	5.89B ON MAR 10	1 670 000	1966
1967	---	510E ON JUN 5	4.33B ON APR 6	1 990 000	1967
1968	447 AT 21:00 YST ON MAY 23	442 ON MAY 23	6.29B ON MAR 29	2 390 000	1968
1969	348 AT 05:00 YST ON JUL 15	328A ON JUL 15	5.01B ON MAR 22	1 910 000	1969
1970	527 AT 22:43 YST ON JUN 7	498 ON JUN 7	5.66B ON APR 16	2 290 000	1970
1971	394 AT 10:34 YST ON JUN 13	388 ON JUN 13	5.10B ON MAR 28	1 980 000	1971
1972	762 AT 00:40 YST ON JUN 2 *	742 ON JUN 1 *	4.30B ON APR 10	2 400 000	1972
1973	388 AT 01:00 YST ON MAY 19	374 ON MAY 18	5.01B ON DEC 31	2 070 000	1973
1974	436 AT 11:20 YST ON JUN 5	430 ON JUN 5	2.83B ON MAR 7 *	1 780 000	1974
1975	575 AT 16:10 YST ON JUN 5	564 ON JUN 5	6.60B ON MAR 18	2 550 000	1975
1976	317 AT 02:59 YST ON MAY 7	297 ON MAY 25	5.44B ON MAR 12	2 170 000	1976
1977	467 AT 15:35 YST ON MAY 28	462 ON MAY 28	6.09B ON MAR 24	2 110 000	1977
1978	280 AT 19:50 YST ON JUN 6	278 ON JUN 6	4.67B ON MAR 8	2 080 000	1978
1979	467 AT 08:20 YST ON JUN 6	460 ON JUN 6	5.10B ON FEB 14	2 140 000	1979
1980	321 AT 05:30 YST ON MAY 17	320A ON MAY 17	5.49B ON MAR 3	1 770 000	1980
1981	341 AT 07:10 YST ON MAY 24	337 ON MAY 24	5.60B ON APR 13	1 690 000	1981
1982	---	298E ON JUN 3	4.22B ON APR 12	1 540 000	1982
				2 030 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 08AA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0.349	0.223	0.035	0.286	5.92	8.17	8.98	6.85	5.16	4.41	2.91	1.81	3.78	1981
1982	0.113	0	0	0.166	6.32	18.7	12.0	8.11	5.86	3.71	1.07	0.177	4.71	1982
MEAN	0.231	0.112	0.018	0.226	6.12	13.4	10.5	7.48	5.51	4.06	1.99	0.994	4.25	MEAN

LOCATION - LAT 61 33 50 N DRAINAGE AREA, 1 250 km²
LONG 137 31 57 W NATURAL FLOW

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 08AA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	10.0 AT 16:05 YST ON JUN 2	9.74 ON JUN 2	0B ON MAR 9 *	119 000	1981
1982	23.2 AT 11:20 YST ON JUN 12 *	22.9 ON JUN 12 *	0B ON JAN 20	148 000	1982
				134 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD - STATION NO. 09AD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	1.40	1.15	0.939	0.732	2.14	18.1	3.87	2.26	2.86	2.24	1.08	0.992	3.14	1982
MEAN	1.40	1.15	0.939	0.732	2.14	18.1	3.87	2.26	2.86	2.24	1.08	0.992	3.14	MEAN

LOCATION - LAT 60 47 05 N DRAINAGE AREA, 372 km²
LONG 133 03 15 W NATURAL FLOW

SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD - STATION NO. 09AD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	54.1 AT 06:32 YST ON JUN 9 *	48.0 ON JUN 8 *	0.700B ON APR 20 *	98 900	1982
				98 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SNAKE RIVER ABOVE IRON CREEK - STATION NO. 10MB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	211	112	98.4	55.4	---	---	---	---	1964
1965	---	---	---	---	---	---	105	81.6	50.7	---	---	---	---	1965
1966	---	---	---	---	---	---	98.8	44.4	42.4	---	---	---	---	1966
1967	---	---	---	---	---	---	92.9	97.7	---	---	---	---	---	1967
MEAN	---	---	---	---	---	211	102	80.5	49.5	---	---	---	---	MEAN

LOCATION - LAT 65 14 45 N DRAINAGE AREA, 2 770 km²
LONG 133 24 10 W NATURAL FLOW

SNAKE RIVER ABOVE IRON CREEK - STATION NO. 10MB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	323E ON JUN 7 *	0 B ON APR 28 *	---	1964
1965	247 AT 10:00 YST ON JUN 10	220 ON JUN 10	0.006B ON MAR 18	---	1965
1966	309 AT 10:00 YST ON JUN 13 *	294 ON JUN 13	0 B ON MAR 17	---	1966
1967	306 AT 23:25 YST ON JUN 19	271 ON AUG 15	0 B ON APR 20	---	1967
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	154	59.2	20.4	11.3	---	1975
1976	8.38	7.81	7.34	7.89	---	---	---	199	104	46.7	19.1	11.6	---	1976
1977	10.0	8.90	8.36	8.43	287	292	131	66.1	55.5	40.6	16.0	9.14	78.2	1977
1978	7.56	7.06	6.27	5.90	74.8	469	176	140	101	46.6	23.8	11.9	89.2	1978
1979	7.10	5.04	7.22	8.53	158	274	290	206	167	113	64.6	26.5	111	1979
1980	12.2	8.87	8.14	8.15	235	207	92.0	219	128	63.8	24.7	13.2	85.3	1980
1981	9.80	7.53	6.11	9.02	163	247	382	187	98.7	57.4	26.3	12.6	101	1981
1982	6.64	6.29	6.45	6.65	268	464	216	197	115	51.4	28.9	13.9	116	1982
MEAN	8.81	7.36	7.13	7.80	198	326	215	173	115	59.8	28.0	13.8	96.8	MEAN

LOCATION - LAT 65 58 10 N DRAINAGE AREA, 8 910 km²
LONG 134 01 40 W NATURAL FLOW

SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	1 360 AT 08:28 YST ON MAY 19	1 150 ON MAY 19	8.16B ON APR 28	2 470 000	1977
1978	1 490 AT 05:15 YST ON JUN 2	1 290 ON JUN 2	5.64B ON APR 7	2 820 000	1978
1979	654 AT 12:00 YST ON MAY 23	578 ON MAY 23	4.47B ON FEB 12 *	3 510 000	1979
1980	894 AT 06:46 YST ON MAY 25	779 ON MAY 25	7.62B ON APR 9	2 700 000	1980
1981	970 AT 09:00 YST ON JUL 20	787 ON JUL 20	5.77B ON MAR 21	3 190 000	1981
1982	1 560 AT 07:00 YST ON JUN 15 *	1 440 ON JUN 15 *	5.71B ON FEB 25	3 640 000	1982
				3 060 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	3.94	4.24	3.49	0.612	0.295	---	1982
MEAN	---	---	---	---	---	---	---	3.94	4.24	3.49	0.612	0.295	---	MEAN

LOCATION - LAT 61 23 10 N
LONG 134 22 15 W NATURAL FLOW

SOUTH MACMILLAN RIVER AT KILOMETRE 401 CANOL ROAD - STATION NO. 09BB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	14.1	5.07	3.03	---	1974
1975	2.37	2.13	2.12	2.85	28.5	101	72.9	25.4	35.1	16.5	3.90	2.64	24.6	1975
1976	2.06	1.78	1.72	2.07	26.2	62.1	58.4	26.0	20.2	11.5	4.50	2.66	18.3	1976
1977	2.25	1.97	1.72	1.74	36.6	80.6	40.7	36.8	19.3	9.80	4.41	2.12	19.9	1977
1978	1.77	1.10	0.774	0.700	25.0	86.1	58.5	33.1	15.0	17.5	6.24	3.81	20.9	1978
1979	1.96	1.06	1.12	1.64	31.5	82.4	52.9	28.4	13.6	12.4	5.83	2.40	19.7	1979
1980	1.35	0.968	0.661	0.592	20.2	65.3	40.6	33.6	16.5	18.9	7.18	2.53	17.4	1980
1981	1.98	1.58	1.48	1.64	41.7	46.7	43.7	27.9	23.5	11.1	5.66	3.12	17.6	1981
1982	2.00	1.19	0.777	0.769	3.85	70.3	38.7	22.7	14.1	12.8	4.75	3.20	14.6	1982
MEAN	1.97	1.47	1.30	1.50	26.7	74.3	50.8	29.2	19.7	13.8	5.28	2.83	19.1	MEAN

LOCATION - LAT 62 55 20 N DRAINAGE AREA, 997 km²
LONG 130 32 30 W NATURAL FLOW

SOUTH MACMILLAN RIVER AT KILOMETRE 401 CANOL ROAD - STATION NO. 09BB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	134 AT 08:30 YST ON JUN 4 *	130 ON JUN 4 *	1.98 B ON MAR 10	777 000	1975
1976	103 AT 22:23 YST ON JUL 12	93.2 ON JUL 12	1.64 B ON MAR 22	578 000	1976
1977	106 AT 06:00 YST ON MAY 31	102 ON MAY 30	1.59 B ON MAR 25	628 000	1977
1978	120 AT 06:30 YST ON JUN 9	113 ON JUN 9	0.657B ON APR 7	659 000	1978
1979	108 AT 19:50 YST ON JUN 12	99.8 ON JUN 3	0.850B ON FEB 13	621 000	1979
1980	118 AT 11:54 YST ON JUN 8	115 ON JUN 8	0.566B ON MAR 31 *	550 000	1980
1981	108 AT 09:00 YST ON MAY 30	106 ON MAY 29	1.43 B ON MAR 29	555 000	1981
1982	112 AT 08:02 YST ON JUN 15	108 ON JUN 15	0.700B ON APR 12	461 000	1982
MEAN				604 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	49.2	42.4	43.1	53.5	695	1 150	653	620	416	343	143	82.9	358	1980
1981	54.3	40.8	33.7	36.6	859	778	696	537	473	287	87.9	66.7	331	1981
1982	49.1	24.4	20.7	25.9	433	1 330	743	542	262	191	92.2	52.6	315	1982
MEAN	50.9	35.9	32.5	38.7	662	1 090	697	566	384	274	108	67.4	335	MEAN

LOCATION - LAT 63 29 17 N DRAINAGE AREA, 30 600 km²
LONG 135 08 06 W NATURAL FLOW

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	1 930E ON JUN 11 *	39.4B ON FEB 17	11 300 000	1980
1981	1 470 AT 21:00 YST ON MAY 30	1 460 ON MAY 30	32.0B ON MAR 24	10 500 000	1981
1982	1 860 AT 13:58 YST ON JUN 14 *	1 850 ON JUN 14	19.3B ON MAR 17 *	9 930 000	1982
MEAN				10 600 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

YUKON TERRITORY

STEWART RIVER AT MAYO - STATION NO. 09DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	52.0	45.1	53.4	531	1 860	1 300	610	563	470	123	75.8	---	1949
1950	56.7	43.4	33.3	61.6	369	1 040	419	351	371	224	69.3	47.0	257	1950
1951	31.1	23.5	25.5	30.0	399	709	571	344	315	155	79.9	51.2	229	1951
1952	32.5	24.9	22.3	---	---	---	749	382	506	457	198	57.6	---	1952
1953	38.3	38.6	35.3	43.2	986	840	703	424	435	237	183	---	---	1953
1954	---	---	---	---	671	1 120	806	545	401	233	---	---	---	1954
1955	---	---	35.6	34.3	418	1 390	1 130	783	447	240	91.3	47.2	---	1955
1956	26.7	20.4	22.0	27.2	630	1 200	948	607	423	192	84.0	58.8	354	1956
1957	50.1	40.5	33.7	37.6	1 090	1 730	1 280	654	276	---	---	---	---	1957
1958	---	34.3	26.8	57.9	690	1 060	424	397	438	424	173	58.4	---	1958
1959	44.3	36.9	32.7	32.0	809	1 200	652	518	326	215	91.8	72.9	338	1959
1960	61.1	47.5	37.5	65.7	776	1 100	1 240	834	528	302	175	93.0	440	1960
1961	63.8	49.0	38.5	35.4	753	2 270	1 010	678	364	209	73.4	53.8	467	1961
1962	44.5	40.6	37.7	37.7	630	2 240	923	585	453	263	128	85.0	456	1962
1963	65.5	56.6	46.7	36.8	761	1 160	921	550	437	359	125	88.0	386	1963
1964	69.4	54.5	45.3	37.7	164	2 960	1 390	938	564	294	140	90.0	562	1964
1965	55.6	33.2	27.2	31.8	346	1 040	786	497	447	256	100	83.6	310	1965
1966	19.1	20.8	21.5	40.1	562	1 450	654	387	327	197	67.3	42.7	316	1966
1967	35.2	33.8	35.5	42.8	485	1 620	749	646	634	253	122	81.3	396	1967
1968	58.2	40.2	46.2	60.3	827	1 650	748	369	281	171	96.3	52.8	367	1968
1969	25.8	20.9	16.8	36.7	405	1 000	439	442	459	202	81.3	53.0	266	1969
1970	35.0	29.9	25.8	36.8	596	1 520	1 010	597	490	280	75.7	42.7	396	1970
1971	32.0	26.1	22.5	30.9	748	1 710	827	492	408	200	90.3	49.7	388	1971
1972	32.2	25.5	23.3	23.3	588	1 730	702	472	478	173	83.4	53.0	365	1972
1973	28.5	23.1	22.1	30.0	806	1 330	915	625	543	185	62.0	42.7	386	1973
1974	31.9	19.7	15.5	19.6	540	1 000	563	765	367	161	90.6	58.8	305	1974
1975	42.4	41.5	40.1	37.8	919	2 080	1 020	522	508	398	133	71.4	486	1975
1976	43.9	33.5	29.7	32.2	848	952	680	431	315	245	82.6	40.8	312	1976
1977	39.5	42.1	25.4	25.3	862	1 490	574	409	291	166	40.7	46.5	335	1977
1978	37.5	34.2	33.9	37.0	439	1 150	909	504	242	273	149	86.7	327	1978
1979	52.2	28.5	30.6	34.4	837	1 510	1 080	648	355	332	127	72.2	429	1979
MEAN	42.7	35.0	31.1	38.3	650	1 440	843	549	419	259	108	62.7	370	MEAN

LOCATION - LAT 63 35 26 N DRAINAGE AREA, 31 600 km²
LONG 135 53 48 W NATURAL FLOW

STEWART RIVER AT MAYO - STATION NO. 09DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1949	---	2 460 ON JUN 25	39.9B ON APR 11	---	1949
1950	---	1 510 ON JUN 23	26.1B ON APR 10	8 110 000	1950
1951	---	912 ON JUL 3	23.2B ON FEB 16	7 220 000	1951
1952	---	---	---	---	1952
1953	---	2 000 ON MAY 28	32.3B ON MAR 31	---	1953
1954	---	1 930 ON MAY 30	---	---	1954
1955	---	2 680 ON JUL 2	32.8B ON APR 11	---	1955
1956	---	1 950 ON JUN 23	19.8B ON FEB 20	11 200 000	1956
1957	---	3 680 ON MAY 26	33.1B ON MAR 9	---	1957
1958	---	1 810 ON JUN 9	25.2B ON MAR 27	---	1958
1959	---	2 630 ON MAY 24	31.1B ON APR 1	10 700 000	1959
1960	---	2 310 ON JUL 30	34.0B ON MAR 31	13 900 000	1960
1961	---	3 680 ON JUN 11	34.8B ON APR 9	14 700 000	1961
1962	---	2 730E ON JUN 26	37.7B ON FEB 13	14 400 000	1962
1963	---	2 430 ON MAY 25	36.8B ON APR 1	12 200 000	1963
1964	---	4 110E ON JUN 10 *	35.4B ON APR 22	17 800 000	1964
1965	---	1 810 ON JUN 3	26.1B ON MAR 10	9 780 000	1965
1966	---	2 210 ON JUN 17	17.8B ON JAN 10	9 980 000	1966
1967	---	2 760 ON JUN 4	33.1B ON FEB 9	12 500 000	1967
1968	---	2 090 ON JUN 14	36.5B ON FEB 26	11 600 000	1968
1969	---	1 890 ON JUN 13	15.6B ON MAR 19	8 380 000	1969
1970	---	2 940 ON JUN 7	25.5B ON MAR 9	12 500 000	1970
1971	---	2 640 ON JUN 14	21.4B ON MAR 21	12 200 000	1971
1972	2 920 AT 07:27 YST ON JUN 2	2 860 ON JUN 2	22.7B ON MAR 3	11 500 000	1972
1973	1 910 AT 06:08 YST ON JUN 12	1 870 ON JUN 12	20.7B ON MAR 19	12 200 000	1973
1974	1 510 AT 15:37 YST ON MAY 26	1 500 ON MAY 26	15.2B ON MAR 19 *	9 610 000	1974
1975	3 140 AT 10:04 YST ON JUN 7 *	3 110 ON JUN 7	36.8B ON APR 4	15 300 000	1975
1976	---	1 630A ON MAY 6	28.3B ON MAR 31	9 870 000	1976
1977	2 370 AT 17:00 YST ON JUN 2	2 340 ON JUN 2	21.7B ON MAR 21	10 600 000	1977
1978	1 850 AT 08:30 YST ON JUN 11	1 800 ON JUN 11	31.1B ON APR 15	10 300 000	1978
1979	2 020 AT 13:30 YST ON JUN 5	2 010 ON JUN 5	25.6B ON FEB 9	13 500 000	1979
MEAN				11 700 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER AT STEWART CROSSING - STATION NO. 09DD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	2 250	1 060	741	402	231	88.1	68.0	---	1961
1962	62.3	57.4	53.8	53.8	731	2 320	1 010	662	513	313	163	90.6	502	1962
1963	73.6	65.1	56.6	48.1	833	1 290	1 060	643	494	406	139	100	437	1963
1964	83.5	69.8	64.3	64.3	207	3 150	1 500	993	577	308	154	101	605	1964
1965	66.9	50.2	47.6	52.2	385	1 070	822	521	478	264	94.8	80.9	326	1965
1966	47.9	46.7	46.7	65.9	628	1 500	738	420	364	230	94.9	68.7	355	1966
1967	59.2	57.1	57.2	61.9	517	1 630	789	695	690	275	149	103	424	1967
1968	80.3	68.8	68.2	79.9	809	1 620	832	392	307	197	127	84.8	389	1968
1969	43.9	34.7	28.9	48.7	419	1 010	453	460	490	222	122	82.0	285	1969
1970	57.8	51.9	48.1	55.3	625	1 570	1 060	632	528	305	123	83.6	430	1970
1971	61.5	50.1	42.8	49.3	792	1 750	843	509	418	214	132	87.7	414	1971
1972	59.0	45.4	39.0	37.4	621	1 760	732	478	500	203	108	89.7	389	1972
1973	55.9	46.7	47.0	56.9	853	1 420	982	665	596	215	95.5	61.8	426	1973
MEAN	62.7	53.7	50.0	56.1	615	1 720	914	601	489	260	121	84.8	415	MEAN

LOCATION - LAT 63 22 56 N DRAINAGE AREA, 35 000 km²
LONG 136 40 59 W NATURAL FLOW

STEWART RIVER AT STEWART CROSSING - STATION NO. 09DD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	3 770E ON JUN 12	---	---	1961
1962	2 860 AT 13:30 YST ON JUN 26	2 830 ON JUN 26	53.8B ON FEB 13	15 900 000	1962
1963	2 460 AT 01:00 YST ON MAY 26	2 370 ON MAY 25	48.1B ON APR 1	13 800 000	1963
1964	4 330 AT 02:30 YST ON JUN 11 *	4 300 ON JUN 11 *	64.3B ON MAR 1	19 100 000	1964
1965	1 820 AT 01:30 YST ON JUN 4	1 750 ON JUN 3	47.3B ON MAR 10	10 300 000	1965
1966	2 230 AT 03:30 YST ON JUN 17	2 210 ON JUN 17	46.7B ON JAN 20	11 200 000	1966
1967	2 590 AT 17:00 YST ON JUN 4	2 590 ON JUN 4	54.9B ON JAN 28	13 400 000	1967
1968	1 950 AT 06:00 YST ON JUN 15	1 920 ON JUN 15	64.6B ON FEB 9	12 300 000	1968
1969	1 890 AT 21:00 YST ON JUN 13	1 870 ON JUN 13	25.5B ON MAR 18 *	8 990 000	1969
1970	2 830 AT 11:11 YST ON JUN 8	2 790 ON JUN 8	47.6B ON MAR 15	13 600 000	1970
1971	2 610 AT 08:36 YST ON JUN 15	2 580 ON JUN 15	41.1B ON MAR 22	13 000 000	1971
1972	2 940 AT 14:00 YST ON JUN 2	2 920A ON JUN 2	36.5B ON APR 2	12 300 000	1972
1973	2 000 AT 11:45 YST ON JUN 12	2 000 ON JUN 12	44.5B ON FEB 13	13 400 000	1973
				13 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	432	183	147	---	1963
1964	128	106	88.3	80.1	220	3 940	1 690	1 120	728	400	194	126	733	1964
1965	83.1	69.2	66.7	68.0	452	1 260	973	641	588	331	124	104	398	1965
1966	63.3	60.9	60.2	88.5	789	1 500	777	446	398	256	110	79.9	387	1966
1967	67.1	64.5	64.4	67.7	695	1 700	863	772	811	339	178	144	481	1967
1968	106	86.4	90.2	97.0	977	1 750	951	466	392	233	145	107	451	1968
1969	62.9	59.3	54.0	92.0	588	1 090	491	493	544	253	154	116	334	1969
1970	89.1	75.9	59.6	85.2	776	1 640	1 110	690	605	361	161	117	483	1970
1971	84.6	64.3	49.6	56.6	1 000	1 890	915	586	534	259	162	110	477	1971
1972	79.8	62.7	53.7	50.1	745	1 920	808	532	588	261	135	113	445	1972
1973	74.7	61.7	58.6	72.0	1 130	1 610	1 140	786	738	302	127	76.5	517	1973
1974	52.8	39.7	35.9	42.4	689	1 160	643	891	444	248	167	123	380	1974
1975	85.2	73.8	65.8	60.9	1 090	2 550	1 140	635	599	517	186	123	595	1975
1976	90.4	73.7	62.8	64.2	993	1 060	758	494	337	299	116	70.9	370	1976
1977	64.1	74.7	63.0	68.7	1 000	1 670	674	481	354	260	79.0	78.1	407	1977
1978	62.8	55.4	48.4	53.3	510	1 300	1 100	604	325	352	194	123	396	1978
1979	82.5	60.7	63.4	66.2	1 080	1 630	1 250	759	461	423	210	122	520	1979
1980	82.4	70.4	71.9	90.9	834	1 290	761	741	565	453	198	127	441	1980
1981	92.8	76.7	67.2	77.9	961	948	888	643	626	421	150	106	421	1981
1982	89.5	54.5	48.9	56.3	602	1 530	854	638	321	250	144	88.4	391	1982
MEAN	81.1	67.9	61.7	70.4	796	1 650	934	654	524	333	156	110	454	MEAN

LOCATION - LAT 63 16 55 N DRAINAGE AREA, 51 000 km²
LONG 139 14 56 W NATURAL FLOW

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	5 640 AT 05:45 YST ON JUN 13 *	5 610 ON JUN 12 *	76.5B ON MAY 1	23 200 000	1964
1965	1 960 AT 06:00 YST ON JUN 3	1 930 ON JUN 3	65.1B ON MAR 26	12 600 000	1965
1966	2 100 AT 23:00 YST ON JUN 18	2 090 ON JUN 18	59.5B ON APR 1	12 200 000	1966
1967	2 860 AT 19:00 YST ON JUN 4	2 830 ON JUN 4	64.0B ON MAR 1	15 200 000	1967
1968	2 230 AT 05:00 YST ON MAY 29	2 210 ON MAY 29	82.1B ON FEB 11	18 300 000	1968
1969	1 880 AT 18:00 YST ON JUN 14	1 870 ON JUN 14	48.7B ON MAR 20	18 500 000	1969
1970	3 000 AT 10:55 YST ON JUN 9	2 940 ON JUN 9	58.0B ON MAR 22	15 200 000	1970
1971	2 780 AT 04:09 YST ON JUN 16	2 700 ON JUN 16	45.3B ON MAR 24	15 000 000	1971
1972	3 620 AT 11:57 YST ON JUN 3	3 570 ON JUN 3	48.4B ON APR 22	14 100 000	1972
1973	2 250 AT 07:28 YST ON MAY 20	2 210 ON MAY 20	56.4B ON MAR 18	16 300 000	1973
1974	1 800 AT 12:47 YST ON MAY 27	1 780 ON MAY 26	35.4B ON MAR 12 *	12 000 000	1974
1975	3 990 AT 21:56 YST ON JUN 8	3 960 ON JUN 8	58.6B ON APR 18	18 800 000	1975
1976	---	1 760E ON MAY 7	59.2B ON APR 14	11 700 000	1976
1977	2 640 AT 00:50 YST ON JUN 4	2 570 ON JUN 4	57.2B ON MAR 28	12 800 000	1977
1978	2 190 AT 12:30 YST ON JUN 12	2 160 ON JUN 12	43.3B ON APR 3	12 500 000	1978
1979	2 140 AT 02:30 YST ON JUN 4	2 110 ON JUN 4	53.5B ON FEB 8	16 400 000	1979
1980	2 060 AT 17:35 YST ON JUN 12	2 040 ON JUN 12	66.5B ON FEB 18	13 900 000	1980
1981	1 530 AT 23:30 YST ON MAY 31	1 530 ON JUN 1	62.0B ON APR 8	13 300 000	1981
1982	1 860 AT 09:10 YST ON JUN 17	1 850 ON JUN 16	45.5B ON FEB 24	12 300 000	1982
				14 300 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

TAGISH CREEK NEAR CARCROSS - STATION NO. 09AA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	0.178	0.136	0.085	0.063	---	1955
1956	0.046	---	---	---	---	---	0.166	0.123	0.227	---	---	---	---	1956
1957	---	---	---	---	---	0.745	0.497	0.326	0.285	0.342	0.179	0.135	---	1957
1958	0.110	0.089	0.081	0.098	0.288	0.162	0.124	0.124	0.146	---	---	---	---	1958
1959	---	---	---	---	---	0.478	0.270	0.246	0.207	---	---	---	---	1959
1960	---	---	---	---	0.739	0.465	0.328	0.203	0.306	0.175	0.140	0.139	---	1960
1961	0.125	0.103	0.096	0.209	0.961	0.737	0.489	0.266	0.312	0.246	0.220	0.130	0.326	1961
1962	0.130	0.130	0.125	0.094	0.513	0.943	---	---	---	---	---	---	---	1962
1965	---	---	---	---	---	---	---	---	---	---	0.189	0.177	---	1965
1966	0.158	0.187	0.145	0.170	0.440	0.526	0.269	0.233	0.241	0.229	0.174	0.154	0.241	1966
1967	0.139	0.130	0.135	0.190	0.866	0.576	0.349	0.246	0.248	0.268	0.148	0.127	0.286	1967
1968	0.126	0.121	0.116	0.135	0.585	0.283	0.275	0.259	0.464	0.361	0.293	0.206	0.269	1968
1969	0.164	0.193	0.227	0.273	0.936	0.447	0.355	0.416	0.446	0.335	0.206	0.177	0.349	1969
1970	0.151	0.189	0.188	0.169	0.925	0.477	0.275	---	---	0.192	0.171	0.187	---	1970
1971	0.129	0.127	0.130	0.158	---	---	---	---	---	---	---	---	---	1971
MEAN	0.128	0.137	0.138	0.166	0.695	0.531	0.309	0.244	0.269	0.254	0.181	0.146	0.294	MEAN

LOCATION - LAT 60 17 32 N DRAINAGE AREA, 76.9 km^2
LONG 134 18 00 W NATURAL FLOW

TAGISH CREEK NEAR CARCROSS - STATION NO. 09AA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	4.08 ON MAY 21 *	---	---	1957
1958	---	0.648 ON MAY 21	0.079B ON MAR 19 *	---	1958
1959	---	2.52 ON MAY 23	---	---	1959
1960	---	1.42 ON APR 28	---	---	1960
1961	---	1.56 ON MAY 19	0.096B ON FEB 12	10 300	1961
1962	---	1.53 ON JUN 5	0.088B ON APR 6	---	1962
1965	---	---	---	---	1965
1966	---	1.42 E ON JUN 4	0.144B ON FEB 26	7 600	1966
1967	1.98 AT 17:10 YST ON MAY 30	1.69 ON MAY 30	0.125B ON NOV 29	9 010	1967
1968	2.27 AT 15:30 YST ON MAY 22	1.93 ON MAY 22	0.110B ON FEB 24	8 520	1968
1969	2.74 AT 08:00 YST ON MAY 24 *	2.25 ON MAY 25	0.142B ON JAN 14	11 000	1969
1970	2.56 AT 02:46 YST ON MAY 14	2.15 ON MAY 14	0.119B ON JAN 15	---	1970
1971	---	---	0.110B ON JAN 24	---	1971
				9 390	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	---	---	81.7	75.4	41.3	18.1	---	1952
1953	9.32	9.03	8.61	7.00	18.3	123	234	187	102	47.7	25.7	13.8	65.5	1953
1954	9.75	7.71	6.34	6.59	17.4	77.9	131	140	80.1	41.8	25.4	16.8	47.1	1954
1955	12.0	9.77	8.06	7.67	11.1	25.7	---	---	---	40.0	---	---	---	1955
1956	---	---	---	4.23	---	37.7	129	131	82.9	---	---	---	---	1956
1958	---	---	---	---	---	---	144	119	67.5	34.5	20.6	13.0	---	1958
1959	9.66	8.05	7.55	7.31	12.4	127	175	110	66.0	40.4	22.3	15.1	50.3	1959
1960	9.43	8.02	6.15	6.66	15.1	68.9	146	160	82.3	45.6	25.7	15.0	49.3	1960
1961	9.34	7.93	7.08	6.23	---	---	---	---	---	55.0	28.3	17.6	---	1961
1962	12.2	8.50	8.50	7.93	19.5	131	197	155	101	62.3	---	---	---	1962
1963	---	---	---	---	---	64.6	204	166	127	79.2	38.9	19.8	---	1963
1964	14.2	11.3	10.2	9.34	9.29	166	166	---	---	---	---	9.16	---	1964
1965	8.26	8.34	7.79	6.75	7.64	38.2	139	126	84.5	48.1	28.5	17.6	43.7	1965
1966	11.3	9.01	6.74	6.71	8.95	76.2	170	134	80.2	55.6	29.1	15.5	50.6	1966
1967	9.34	7.25	6.85	6.43	11.0	121	152	137	127	74.9	33.0	18.0	59.0	1967
1968	10.6	8.77	8.02	7.71	---	---	---	---	104	59.2	29.2	17.6	---	1968
1969	11.5	9.52	7.71	6.63	11.8	143	152	104	78.8	56.2	34.1	21.3	53.2	1969
1970	13.8	10.3	8.25	7.30	10.3	88.4	92.9	101	66.5	43.6	27.7	16.3	37.4	1970
1971	10.5	8.65	7.92	6.54	7.58	64.3	180	195	96.2	45.3	22.2	12.8	55.2	1971
1972	8.50	7.08	6.00	5.21	9.26	98.8	163	160	101	48.8	27.2	16.7	54.5	1972
1973	8.90	7.32	6.31	5.88	8.31	48.1	131	124	73.6	39.2	18.9	9.34	39.7	1973
1974	4.92	3.89	4.36	5.65	10.2	57.2	127	146	121	64.5	37.7	23.9	50.9	1974
1975	14.5	8.95	8.19	8.14	12.4	50.1	209	128	109	80.7	35.6	21.2	57.6	1975
1976	13.3	9.82	8.33	7.41	10.7	60.2	173	136	82.2	65.3	37.9	24.5	52.7	1976
1977	15.8	10.8	8.70	8.28	11.3	91.7	181	179	103	51.0	27.5	15.7	59.0	1977
1978	10.7	8.43	6.83	6.41	9.80	76.3	130	127	82.6	45.9	29.0	18.3	46.2	1978
1979	11.1	7.36	6.32	6.19	15.0	74.0	185	144	103	62.6	35.0	20.8	56.3	1979
1980	14.5	10.7	9.74	[illegible].56	11.9	106	150	130	73.1	61.9	38.6	21.1	53.2	1980
1981	14.2	12.3	11.7	11.1	21.5	109	171	156	123	70.5	44.1	25.4	64.5	1981
1982	15.1	10.7	9.59	8.45	9.38	79.0	162	144	95.7	59.6	34.7	21.5	54.5	1982
MEAN	11.3	8.83	7.76	7.12	11.9	82.9	161	142	92.4	55.5	30.7	17.6	52.4	MEAN

LOCATION - LAT 60 36 46 N DRAINAGE AREA, 4 070 km²
LONG 136 07 26 W NATURAL FLOW

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	265 AT 02:00 YST ON JUL 4	264 ON JUL 4	6.51B ON APR 25	2 070 000	1953
1954	159 AT 16:00 YST ON AUG 12	156 ON AUG 12	5.80B ON APR 6	1 490 000	1954
1955	---	---	7.62B ON APR 21	---	1955
1956	161 AT 17:00 YST ON JUL 22	159 ON JUL 23	3.62B ON APR 1 *	---	1956
1958	161 AT 14:35 YST ON JUL 10	156 ON JUL 10	---	---	1958
1959	255 AT 14:00 YST ON JUN 29	253 ON JUN 29	7.16B ON APR 11	1 590 000	1959
1960	181 AT 15:00 YST ON AUG 15	180 ON AUG 16	5.41B ON MAR 31	1 560 000	1960
1961	---	---	6.23B ON APR 1	---	1961
1962	---	261E ON JUN 22	7.93B ON APR 1	---	1962
1963	255 AT 18:00 YST ON JUL 17	251 ON JUL 17	---	---	1963
1964	280 AT 06:30 YST ON JUN 21 *	279 ON JUN 21 *	8.35B ON DEC 31	---	1964
1965	189 AT 09:00 YST ON JUL 17	186 ON JUL 18	6.46B ON APR 29	1 380 000	1965
1966	206 AT 17:45 YST ON JUL 26	204 ON JUL 27	6.29E ON MAR 10	1 600 000	1966
1967	234 AT 11:40 YST ON JUN 28	232 ON JUN 28	6.14 ON APR 1	1 860 000	1967
1968	---	---	7.62E ON APR 21	---	1968
1969	243 AT 16:00 YST ON JUN 22	240 ON JUN 22	6.46E ON APR 11	1 680 000	1969
1970	121 AT 17:34 YST ON AUG 5	119 ON AUG 5	7.14 ON APR 6	1 180 000	1970
1971	229 AT 21:30 YST ON AUG 5	227 ON AUG 5	6.09 ON APR 24	1 740 000	1971
1972	181 AT 13:32 YST ON JUL 14	180 ON JUL 14	4.90B ON APR 23	1 730 000	1972
1973	153 AT 19:15 YST ON JUL 29	152 ON JUL 31	5.75B ON APR 14	1 250 000	1973
1974	156 AT 15:30 YST ON AUG 8	154 ON AUG 9	3.74B ON JAN 31	1 610 000	1974
1975	253 AT 16:27 YST ON JUL 15	252 ON JUL 15	7.93B ON APR 6	1 820 000	1975
1976	196 AT 19:48 YST ON JUL 13	194 ON JUL 14	7.08 ON APR 24	1 670 000	1976
1977	208 AT 12:00 YST ON JUL 21	208 ON JUL 21	7.93B ON APR 11	1 860 000	1977
1978	---	147E ON JUL 15	6.14 ON APR 16	1 460 000	1978
1979	202 AT 20:01 YST ON JUL 22	201 ON JUL 12	5.57 ON APR 1	1 770 000	1979
1980	161 AT 19:03 YST ON JUL 27	159 ON JUL 26	8.26 ON APR 16	1 680 000	1980
1981	202 AT 18:12 YST ON JUL 25	201 ON JUL 25	10.5 ON APR 11	2 030 000	1981
1982	177 AT 22:01 YST ON JUL 10	175 ON JUL 10	7.85B ON APR 30	1 720 000	1982
MEAN				1 650 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	---	193	116	61.5	34.2	17.4	---	1948
1949	16.2	14.5	11.5	13.0	26.7	69.5	193	258	287	128	54.1	31.7	92.4	1949
1950	18.9	16.0	12.2	11.6	19.1	145	180	153	92.8	61.7	23.7	16.1	62.8	1950
1951	8.76	4.77	6.06	13.0	26.8	63.9	141	130	92.0	49.3	23.3	14.8	48.1	1951
1952	9.68	9.29	9.10	9.00	14.8	52.6	174	173	100	87.0	55.0	25.0	60.2	1952
1953	12.7	12.6	12.6	10.3	23.5	147	274	183	121	60.1	32.8	17.6	76.1	1953
1954	12.8	10.7	9.09	9.74	23.6	89.5	148	148	95.1	49.9	29.2	20.6	54.1	1954
1955	15.7	12.5	10.6	10.3	15.2	43.9	204	189	75.6	51.0	26.9	13.8	56.2	1955
1956	9.86	8.02	7.61	12.9	22.8	55.6	141	153	103	56.2	24.3	13.4	50.9	1956
1957	9.45	7.33	8.33	14.2	42.9	170	203	164	126	74.0	32.1	18.8	73.0	1957
1958	15.0	12.6	10.6	10.2	17.8	101	148	127	72.4	38.4	23.0	15.6	49.6	1958
1959	12.5	10.7	10.1	9.96	24.4	149	187	125	75.0	44.6	27.1	19.6	58.2	1959
1960	12.8	11.2	8.35	10.2	22.8	80.9	160	171	91.1	54.9	30.2	19.8	56.3	1960
1961	13.3	11.3	9.91	9.06	24.6	120	239	197	120	62.9	30.0	22.7	72.2	1961
1962	15.9	11.0	11.0	10.5	24.0	160	227	174	119	73.2	---	---	---	1962
1963	---	---	---	---	---	79.9	220	184	145	94.8	48.3	27.2	---	1963
1964	18.1	13.9	13.0	13.1	18.4	205	184	160	105	53.1	22.8	11.9	68.4	1964
1965	11.4	12.4	12.4	10.3	17.6	53.4	159	142	96.6	60.6	33.7	20.4	52.9	1965
1966	12.8	10.9	9.43	10.9	16.4	99.8	184	149	90.7	64.0	31.2	19.0	58.5	1966
1967	12.4	9.76	9.50	9.04	29.4	166	177	151	136	86.7	36.5	20.4	70.6	1967
1968	13.2	11.3	11.5	11.9	34.8	90.8	162	162	131	69.7	30.7	20.2	62.6	1968
1969	15.2	12.9	10.1	9.65	25.0	157	174	129	96.1	68.7	40.6	24.6	63.8	1969
1970	16.1	13.0	11.7	11.4	18.6	54.1	103	114	75.1	48.7	31.1	19.1	43.2	1970
1971	11.6	10.5	10.0	11.8	16.4	88.9	200	215	111	51.3	26.9	16.3	64.7	1971
1972	10.9	9.07	7.65	7.62	20.8	128	177	179	110	52.4	27.0	17.5	62.5	1972
1973	11.6	10.3	8.52	8.71	15.5	53.0	152	142	85.4	44.0	20.1	10.4	47.1	1973
1974	5.99	5.29	6.01	8.08	18.9	75.3	150	184	144	78.8	42.2	26.5	62.5	1974
1975	16.5	12.5	11.1	11.8	18.6	65.9	238	148	140	99.6	39.3	23.6	69.3	1975
1976	16.9	12.8	11.7	11.1	19.4	86.0	197	157	98.4	75.8	43.1	27.7	63.3	1976
1977	18.7	14.8	11.7	12.3	16.4	116	207	192	121	63.6	30.5	17.1	68.9	1977
1978	12.5	10.6	9.56	11.1	18.6	93.5	141	141	96.6	54.1	33.7	19.1	53.7	1978
1979	11.5	8.48	8.03	9.12	28.6	102	222	166	122	73.0	39.8	23.2	68.3	1979
1980	13.4	12.3	10.9	12.7	18.6	122	165	143	87.7	72.7	44.1	21.8	60.5	1980
1981	14.9	12.9	11.9	11.1	36.6	133	177	162	134	82.5	48.7	25.2	71.1	1981
1982	14.7	12.3	11.3	10.7	16.3	113	175	174	113	70.1	37.8	22.6	64.6	1982
MEAN	13.4	11.2	10.1	10.8	22.2	104	182	164	112	66.2	33.9	20.0	62.1	MEAN

LOCATION - LAT 60 51 08 N, LONG 135 44 21 W
DRAINAGE AREA, 6 990 km²
REGULATED SINCE 1948

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	---	---	---	1948
1949	---	487 ON SEP 2 *	9.94B ON APR 5	2 910 000	1949
1950	---	261 ON JUN 22	10.8 B ON APR 6	1 980 000	1950
1951	---	181 ON JUL 21	4.33B ON FEB 19 *	1 520 000	1951
1952	---	214 ON JUL 28	8.89B ON APR 14	1 900 000	1952
1953	---	343 ON JUL 4	9.29B ON APR 25	2 400 000	1953
1954	---	158 ON JUL 22	8.50B ON MAR 29	1 710 000	1954
1955	---	238 ON JUL 14	10.2 B ON MAR 31	1 770 000	1955
1956	---	184 ON JUL 28	7.50B ON MAR 11	1 610 000	1956
1957	---	272 ON JUN 28	7.08B ON FEB 16	2 300 000	1957
1958	---	159 ON JUL 11	9.85B ON APR 20	1 570 000	1958
1959	---	268 ON JUN 29	9.63B ON APR 7	1 840 000	1959
1960	---	198 ON AUG 18	7.59B ON APR 1	1 780 000	1960
1961	---	258 ON JUL 3	9.06B ON APR 1	2 280 000	1961
1962	---	297 ON JUN 22	10.5 B ON APR 1	---	1962
1963	---	255 ON JUL 17	---	---	1963
1964	---	281E ON JUN 21	10.6 B ON DEC 31	2 160 000	1964
1965	204 AT 21:00 YST ON JUL 18	203 ON JUL 18	9.03B ON JAN 8	1 670 000	1965
1966	210 AT 14:00 YST ON JUL 30	208 ON JUL 27	8.27B ON MAR 11	1 850 000	1966
1967	248 AT 21:30 YST ON JUN 26	246 ON JUN 26	7.67B ON MAR 31	2 230 000	1967
1968	178 AT 14:30 YST ON JUL 8	176 ON JUL 8	10.9 B ON FEB 3	1 980 000	1968
1969	247 AT 00:30 YST ON JUN 23	246 ON JUN 22	8.01B ON APR 27	2 010 000	1969
1970	---	137E ON AUG 5	10.9 B ON MAR 27	1 360 000	1970
1971	260 AT 11:48 YST ON AUG 5	259 ON AUG 5	9.12B ON FEB 26	2 040 000	1971
1972	200 AT 11:05 YST ON AUG 10	200 ON AUG 10	7.25B ON APR 12	1 970 000	1972
1973	171 AT 12:30 YST ON JUL 27	170 ON JUL 27	7.65B ON DEC 31	1 490 000	1973
1974	228 AT 21:30 YST ON AUG 6	225 ON AUG 7	5.01B ON JAN 29	1 970 000	1974
1975	292 AT 17:09 YST ON JUL 13 *	289 ON JUL 14	10.6 B ON MAR 7	2 190 000	1975
1976	221 AT 11:30 YST ON JUL 14	220 ON JUL 14	10.8 B ON APR 19	2 000 000	1976
1977	246 AT 14:20 YST ON JUL 20	246 ON JUL 20	10.2 B ON MAR 23	2 170 000	1977
1978	156 AT 13:40 YST ON JUL 15	156 ON JUL 16	9.06B ON MAR 30	1 690 000	1978
1979	250 AT 16:50 YST ON JUL 6	249 ON JUL 7	7.76B ON MAR 1	2 150 000	1979
1980	175 AT 06:36 YST ON JUL 26	174 ON JUL 26	10.5 B ON FEB 17	1 910 000	1980
1981	202 AT 06:50 YST ON JUL 27	202A ON JUL 27	10.6 B ON APR 10	2 240 000	1981
1982	207 AT 14:00 YST ON AUG 6	206 ON AUG 6	10.5 B ON MAR 30	2 040 000	1982
MEAN				1 960 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1944	---	---	---	94.7	282	884	598	340	288	---	---	---	---	1944
1945	---	---	---	---	---	---	---	---	---	386	---	---	---	1945
1946	---	---	84.5	76.6	---	---	---	---	---	---	---	---	---	1946
1948	---	---	119	91.5	405	1 080	495	368	414	357	224	135	---	1948
1949	60.3	53.7	83.4	87.0	247	905	969	637	392	301	302	184	353	1949
1950	116	99.3	97.8	86.7	225	535	432	---	---	222	189	104	---	1950
1951	56.2	42.8	53.7	69.0	368	830	570	253	158	123	87.6	49.0	222	1951
1952	44.5	44.2	50.0	63.6	186	779	979	441	410	494	347	138	329	1952
1953	81.2	86.9	91.7	75.9	320	585	455	374	418	349	223	116	265	1953
1954	80.5	75.3	75.0	75.6	254	999	601	352	201	180	143	---	---	1954
1955	---	---	---	62.5	94.6	544	961	481	302	235	139	82.4	---	1955
1956	56.2	41.8	43.5	63.2	203	749	604	337	256	216	112	89.3	231	1956
1957	86.0	77.6	70.6	67.9	400	1 340	807	404	239	187	152	111	330	1957
1958	103	83.0	68.1	63.1	198	587	319	191	164	161	135	77.0	179	1958
1959	54.7	54.2	58.1	63.3	210	929	631	465	411	332	190	118	294	1959
1960	81.4	70.1	71.3	85.1	379	896	799	440	354	317	213	158	323	1960
1961	136	121	104	90.6	318	1 420	911	428	375	330	222	165	386	1961
1962	137	112	90.2	78.8	151	1 240	1 320	527	451	418	248	191	416	1962
1963	169	137	111	99.1	332	930	921	453	292	339	227	159	349	1963
1964	123	98.0	86.9	88.4	113	1 260	877	478	350	291	225	157	346	1964
1965	117	102	96.3	113	197	761	613	347	278	270	212	108	268	1965
1966	70.3	68.4	70.4	68.2	193	774	663	430	366	373	245	161	291	1966
1967	113	79.8	69.1	64.3	238	1 160	777	408	282	294	198	126	318	1967
1968	82.4	70.4	74.9	63.6	208	785	637	423	454	445	222	127	300	1968
1969	98.6	80.2	69.1	62.9	229	824	574	504	687	464	245	153	333	1969
1970	105	88.8	74.8	64.0	197	708	533	374	326	486	289	145	283	1970
1971	99.2	95.6	86.5	64.8	196	900	702	320	255	225	148	100	267	1971
1972	70.8	56.0	61.3	60.5	177	1 280	783	448	328	288	191	130	323	1972
1973	92.3	89.1	71.0	58.0	257	831	780	463	425	282	158	103	302	1973
1974	74.7	66.9	52.4	48.7	201	793	827	602	341	308	264	160	313	1974
1975	98.1	77.2	79.2	68.1	207	694	902	507	359	312	188	117	302	1975
1976	89.1	80.6	73.8	67.8	297	1 010	1 050	535	357	276	196	134	347	1976
1977	116	107	86.4	87.0	298	1 030	817	484	306	286	198	120	329	1977
1978	86.2	75.1	68.4	65.9	179	394	352	232	205	215	195	141	185	1978
1979	103	82.1	85.6	81.9	240	952	1 030	537	282	266	197	127	334	1979
1980	86.5	69.3	63.2	70.0	250	724	503	448	383	448	339	198	296	1980
1981	136	116	95.1	84.5	356	970	678	355	351	368	290	193	333	1981
1982	138	109	87.7	74.3	150	740	562	278	215	199	152	101	234	1982
MEAN	95.8	82.1	77.8	74.3	242	884	723	419	332	307	208	132	303	MEAN

LOCATION - LAT 60 29 04 N LONG 133 18 07 W

DRAINAGE AREA, 30 300 km²
NATURAL FLOW

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1944	---	974 ON JUN 15	90.6 ON APR 15	---	1944
1945	---	---	---	---	1945
1946	---	---	69.1 ON APR 17	---	1946
1948	---	1 370 ON JUN 4	75.3B ON DEC 31	---	1948
1949	---	1 130 ON JUN 27	48.7B ON FEB 19	11 100 000	1949
1950	---	651 ON JUN 21	70.8B ON DEC 31	---	1950
1951	---	963 ON JUN 15	41.6B ON FEB 13	7 020 000	1951
1952	---	1 230 ON JUL 4	43.9B ON FEB 1	10 400 000	1952
1953	---	691 ON JUN 2	72.5 ON APR 25	8 370 000	1953
1954	---	1 130 ON JUN 13	68.5E ON MAY 4	---	1954
1955	---	1 150 ON JUL 7	56.6B ON APR 27	---	1955
1956	---	810 ON JUN 21	38.2B ON FEB 24 *	7 320 000	1956
1957	---	1 490 ON JUN 13	66.3 ON APR 23	10 400 000	1957
1958	---	691 ON JUN 11	61.2B ON APR 18	5 650 000	1958
1959	---	1 070 ON JUN 18	53.5B ON JAN 13	9 260 000	1959
1960	---	1 090 ON JUN 29	67.4B ON MAR 13	10 200 000	1960
1961	---	1 660 ON JUN 15	86.4 ON APR 25	12 200 000	1961
1962	---	1 840 ON JUN 27 *	73.6 ON APR 24	13 100 000	1962
1963	---	1 040 ON JUN 26	94.3 ON APR 28	11 000 000	1963
1964	---	1 710 ON JUN 18	85.0B ON MAR 20	10 900 000	1964
1965	---	875 ON JUN 14	79.9B ON DEC 31	8 460 000	1965
1966	---	985 ON JUN 22	64.0B ON MAY 5	9 190 000	1966
1967	---	1 320 ON JUN 23	63.1B ON APR 13	10 000 000	1967
1968	---	864 ON JUN 17	60.3 ON APR 20	9 490 000	1968
1969	---	934 ON JUN 19	59.2 ON APR 14	10 500 000	1969
1970	---	799 ON JUN 13	62.3 ON APR 17	8 940 000	1970
1971	---	1 160 ON JUN 26	60.0 ON APR 22	8 400 000	1971
1972	---	1 510 ON JUN 20	49.0B ON FEB 29	10 200 000	1972
1973	---	1 060 ON JUN 24	54.1 ON APR 10	9 510 000	1973
1974	---	900 ON JUL 3	46.2 ON APR 11	9 870 000	1974
1975	---	1 040 ON JUL 7	56.9 ON APR 19	9 540 000	1975
1976	---	1 290 ON JUL 3	65.1B ON APR 20	11 000 000	1976
1977	1 230 AT 18:36 YST ON JUN 20 *	1 230 ON JUN 20	80.4B ON MAR 23	10 400 000	1977
1978	459 AT 06:39 YST ON JUN 30	456 ON JUL 1	62.3 ON APR 19	5 820 000	1978
1979	1 190 AT 11:13 YST ON JUL 9	1 180 ON JUL 9	77.3 ON APR 21	10 500 000	1979
1980	813 AT 18:50 YST ON JUN 14	810 ON JUN 13	62.3B ON MAR 3	9 350 000	1980
1981	1 050 AT 17:26 YST ON JUN 6	1 030 ON JUN 5	79.0E ON APR 30	10 500 000	1981
1982	912 AT 14:23 YST ON JUN 17	904 ON JUN 17	69.8 ON APR 30	7 390 000	1982
				9 550 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TESLIN RIVER NEAR WHITEHORSE - STATION NO. 09AF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	257	158	100	---	1955
1956	69.9	55.3	52.8	68.1	212	771	634	357	274	227	117	93.0	245	1956
1957	89.6	80.4	73.0	71.0	411	1 340	850	437	255	199	---	---	---	1957
1958	---	88.1	72.8	66.6	205	612	336	203	173	163	138	86.6	---	1958
1959	66.8	66.1	68.3	70.6	232	945	670	493	436	349	197	123	311	1959
1960	88.4	77.4	80.6	---	---	904	848	497	400	---	---	---	---	1960
1961	---	---	115	104	350	1 410	993	498	432	396	---	---	---	1961
1962	---	---	---	---	---	1 300	1 400	627	529	502	319	237	---	1962
1963	200	154	125	114	387	1 030	1 050	564	375	428	283	170	409	1963
1964	128	104	91.9	95.5	140	1 290	989	545	387	310	237	166	373	1964
1965	122	105	99.0	119	206	831	691	375	292	272	206	104	286	1965
1966	69.6	69.1	69.2	69.6	200	846	737	485	408	420	287	178	321	1966
1967	120	89.6	81.7	94.8	313	1 230	869	466	335	333	235	146	360	1967
1968	89.2	84.7	96.0	92.6	281	838	694	475	495	495	261	138	337	1968
1969	105	89.2	80.0	74.6	261	896	643	559	730	511	275	168	367	1969
1970	119	108	99.1	94.2	223	768	589	425	363	509	320	155	315	1970
1971	95.2	87.6	83.1	69.3	204	957	779	369	284	260	189	116	292	1971
1972	71.6	57.6	65.3	73.0	221	1 350	879	512	371	318	207	137	355	1972
1973	101	100	83.6	79.9	291	892	869	521	479	322	176	112	337	1973
MEAN	102	88.5	84.5	84.8	259	1 010	807	467	390	348	225	139	331	MEAN

LOCATION - LAT 61 29 21 N DRAINAGE AREA, 36 500 km²
LONG 134 46 35 W NATURAL FLOW

TESLIN RIVER NEAR WHITEHORSE - STATION NO. 09AF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	852 AT 10:00 YST ON JUN 20	844 ON JUN 20	51.0B ON FEB 24	7 740 000	1956
1957	1 480 AT 13:30 YST ON JUN 13	1 470 ON JUN 13	69.1E ON APR 23	---	1957
1958	708 AT 10:30 YST ON JUN 12	708 ON JUN 12	65.1B ON MAR 26	---	1958
1959	1 080 AT 18:00 YST ON JUN 20	1 070 ON JUN 19	64.8B ON JAN 20	9 790 000	1959
1960	1 100 AT 20:15 YST ON JUN 29	1 090 ON JUN 29	---	---	1960
1961	1 620 AT 11:00 YST ON JUN 18	1 610 ON JUN 17	104 B ON MAR 16	---	1961
1962	1 860 AT 12:15 YST ON JUN 28 *	1 850 ON JUN 28 *	---	---	1962
1963	1 180 AT 20:15 YST ON JUL 12	1 160 ON JUN 27	110 B ON APR 25	12 900 000	1963
1964	1 720 AT 12:00 YST ON JUN 20	1 720 ON JUN 20	88.3B ON MAR 24	11 800 000	1964
1965	954 AT 12:30 YST ON JUN 17	949 ON JUN 17	76.5B ON DEC 31	9 000 000	1965
1966	1 060 AT 12:30 YST ON JUN 20	1 060 ON JUN 20	66.5B ON APR 29	10 100 000	1966
1967	1 450 AT 02:30 YST ON JUN 23	1 430 ON JUN 23	79.6B ON MAR 24	11 400 000	1967
1968	923 AT 16:00 YST ON JUN 19	915 ON JUN 19	70.8B ON FEB 3	10 700 000	1968
1969	1 010 AT 12:30 YST ON JUN 16	1 010 ON JUN 16	70.5B ON APR 13	11 600 000	1969
1970	---	855A ON JUN 15	92.3B ON APR 19	9 940 000	1970
1971	1 220 AT 15:05 YST ON JUN 24	1 210 ON JUN 25	64.0B ON APR 21	9 210 000	1971
1972	1 550 AT 11:06 YST ON JUN 21	1 540 ON JUN 21	50.4B ON MAR 1 *	11 200 000	1972
1973	1 120 AT 12:51 YST ON JUN 25	1 120 ON JUN 25	73.3B ON APR 8	10 600 000	1973
MEAN				10 500 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	2.79	3.49	2.27	1.25	---	1974
1975	0.792	0.598	0.513	0.851	11.0	6.38	6.54	3.54	2.68	1.94	1.20	0.783	3.09	1975
1976	0.653	0.511	0.469	1.22	21.3	15.5	13.4	4.39	3.03	1.81	1.11	0.673	5.36	1976
1977	0.619	0.582	0.539	1.17	11.0	11.4	5.04	3.40	2.76	2.21	0.951	0.375	3.35	1977
1978	0.253	0.203	0.172	0.541	3.11	1.95	2.23	1.98	2.02	2.36	1.77	1.47	1.52	1978
1979	0.689	0.373	0.361	0.487	10.4	10.9	10.8	3.17	2.18	1.90	1.17	0.575	3.60	1979
1980	0.300	0.323	0.284	0.871	6.80	4.35	2.74	2.09	2.72	4.90	1.85	1.07	2.37	1980
1981	0.913	0.756	0.728	0.804	10.6	7.37	3.31	1.55	3.12	2.28	0.978	0.329	2.74	1981
1982	0.201	0.186	0.148	0.151	6.36	5.39	2.25	1.61	1.92	1.25	0.578	0.428	1.71	1982
MEAN	0.553	0.442	0.402	0.757	10.1	7.91	5.79	2.72	2.58	2.46	1.32	0.773	2.97	MEAN

LOCATION - LAT 60 17 26 N DRAINAGE AREA, 435 km²
LONG 129 01 14 W NATURAL FLOW

TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	19.3 [illegible] ON MAY 9	0.467B ON MAR 26	97 300	1975
1976	30.9 AT 01:44 YST ON JUL 4 *	30.6 [illegible] ON MAY 3 *	0.453B ON MAR 15	170 000	1976
1977	26.6 AT 06:05 YST ON MAY 26	25.3 ON MAY 26	0.283B ON DEC 31	106 000	1977
1978	---	5.32B ON MAY 14	0.167B ON MAR 24	47 800	1978
1979	---	24.6 E ON MAY 27	0.309B ON FEB 22	114 000	1979
1980	11.3 AT 07:00 YST ON MAY 15	10.8 ON MAY 14	0.266B ON MAR 15	74 900	1980
1981	16.9 AT 00:45 YST ON MAY 13	15.7 ON MAY 13	0.195B ON DEC 31	86 500	1981
1982	23.0 AT 04:57 YST ON MAY 19	20.8 ON MAY 19	0.134B ON APR 2 *	54 100	1982
				93 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WATSON RIVER NEAR CARCROSS - STATION NO. 09AA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	12.3	7.60	4.14	2.44	1.09	0.712	---	1955
1956	0.538	0.394	0.300	1.07	8.69	7.80	10.4	5.70	5.04	4.10	2.95	1.31	4.04	1956
1957	0.704	0.601	0.597	0.692	7.41	15.4	12.8	11.0	7.83	4.98	3.30	2.06	5.65	1957
1958	1.50	1.35	---	---	---	7.66	3.66	3.38	1.39	---	1.92	1.24	---	1958
1959	1.02	0.955	0.991	1.08	---	18.2	9.33	6.36	4.59	3.11	1.95	1.92	---	1959
1960	1.68	1.37	1.26	---	---	11.9	10.7	7.42	3.95	1.93	1.93	1.70	---	1960
1961	1.52	1.36	1.36	1.36	2.98	9.86	---	---	---	---	---	---	---	1961
1966	---	---	---	---	---	12.5	11.8	6.97	5.41	5.09	2.88	2.04	---	1966
1967	1.68	1.47	1.35	1.63	7.54	19.1	10.8	7.10	7.68	5.24	2.51	1.83	5.67	1967
1968	1.80	1.58	1.53	1.91	8.40	9.68	12.7	8.86	11.1	6.89	2.91	1.90	5.78	1968
1969	1.68	1.61	1.54	2.24	6.31	15.4	8.04	9.15	9.45	6.21	3.06	2.19	5.58	1969
1970	1.88	1.87	1.92	2.29	5.11	7.59	8.31	6.15	5.90	4.41	2.94	1.61	4.18	1970
1971	1.36	1.13	1.14	1.34	2.80	16.0	11.3	9.78	5.84	4.00	1.83	1.50	4.86	1971
1972	1.31	1.12	1.02	1.30	5.81	15.9	9.63	11.3	6.66	4.82	3.03	2.15	5.34	1972
1973	1.75	1.63	1.52	2.04	4.73	9.92	14.2	7.93	5.97	4.24	1.94	1.60	4.81	1973
MEAN	1.42	1.26	1.21	1.54	5.98	12.6	10.4	7.76	6.07	4.42	2.45	1.70	5.10	MEAN

LOCATION - LAT 60 13 00 N, LONG 134 43 50 W
DRAINAGE AREA, 1 150 km^2
NATURAL FLOW

WATSON RIVER NEAR CARCROSS - STATION NO. 09AA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	18.6 ON MAY 13	0.283B ON APR 1 *	128 000	1956
1957	---	23.3 ON JUN 8	0.586B ON JAN 30	178 000	1957
1958	---	12.5 ON JUN 4	---	---	1958
1959	---	31.7 ON JUN 17	0.943B ON FEB 24	---	1959
1960	---	24.0 ON JUN 28	1.22 B ON MAR 14	---	1960
1961	---	11.6E ON JUN 12	1.36 B ON JAN 16	---	1961
1966	22.0 AT 22:00 YST ON JUL 20	19.3 ON JUN 12	---	---	1966
1967	27.7 AT 14:00 YST ON JUN 20	26.0 ON JUN 20	1.29 B ON APR 4	179 000	1967
1968	49.0 AT 08:45 YST ON MAY 24 *	42.8 ON MAY 24	1.48 B ON FEB 28	183 000	1968
1969	30.6 AT 14:30 YST ON JUN 12	27.9 ON JUN 12	1.51 B ON MAR 8	176 000	1969
1970	12.7 AT 19:29 YST ON JUL 28	11.3 ON JUL 6	1.49 B ON DEC 27	132 000	1970
1971	45.9 AT 13:42 YST ON JUN 26	43.9 ON JUN 26 *	1.07 B ON FEB 26	153 000	1971
1972	37.4 AT 14:52 YST ON JUN 15	34.3 ON JUN 15	0.966B ON MAR 12	169 000	1972
1973	28.6 AT 14:00 YST ON JUL 10	26.9 ON JUL 10	1.33 B ON DEC 2	152 000	1973
				161 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	13.1	8.89	3.40	---	---	---	1956
1957	---	---	---	---	---	---	17.8	14.4	7.39	---	1.81	1.67	---	1957
1958	1.59	1.52	1.53	1.57	5.32	18.9	12.2	8.61	5.02	---	---	---	---	1958
1959	---	1.32	1.27	1.25	---	---	17.7	10.1	5.43	3.32	1.73	1.74	---	1959
1960	1.52	1.32	1.29	---	---	---	22.2	13.9	6.99	4.23	2.83	2.10	---	1960
1961	2.10	1.53	1.53	1.53	12.3	34.0	25.8	15.7	8.60	---	---	---	---	1961
1962	---	---	---	---	---	---	24.4	18.3	11.6	---	---	---	---	1962
1963	---	---	---	---	---	---	31.6	16.1	---	9.31	---	---	---	1963
1964	---	---	---	---	---	---	23.5	17.2	---	---	---	---	---	1964
1965	---	---	---	---	---	---	25.1	---	---	4.15	2.46	1.55	---	1965
1966	1.28	1.20	1.15	1.29	5.11	27.5	15.6	9.97	7.43	5.54	2.99	2.14	6.78	1966
1967	1.78	1.51	1.38	1.48	5.47	34.2	16.9	11.5	13.7	6.59	3.80	2.39	8.39	1967
1968	1.90	1.46	1.22	1.58	12.0	20.0	22.3	14.6	14.0	7.33	2.52	1.73	8.41	1968
1969	1.51	1.46	1.46	1.84	7.73	35.5	15.5	12.4	12.7	7.58	2.93	2.26	8.57	1969
1970	1.96	1.87	1.76	1.69	3.26	12.1	17.5	10.4	7.52	4.54	2.36	1.57	5.58	1970
1971	1.37	1.27	1.36	1.59	3.07	27.1	23.6	17.4	8.60	5.15	3.08	2.41	8.04	1971
1972	1.84	1.33	0.979	0.973	4.99	20.7	17.2	16.0	8.05	4.75	2.71	1.99	6.81	1972
1973	1.67	1.52	1.42	1.55	3.55	17.9	26.5	12.1	6.59	4.04	2.20	1.56	6.76	1973
1974	1.34	1.27	1.22	1.34	4.46	17.2	24.3	19.9	---	5.51	3.87	2.82	---	1974
1975	2.05	1.43	1.23	1.50	4.30	17.9	29.4	13.5	13.4	7.51	3.07	2.22	8.17	1975
1976	2.15	1.68	1.44	2.08	4.32	25.3	27.1	19.7	9.07	5.30	3.08	2.41	8.66	1976
1977	2.11	1.80	1.41	1.55	---	---	---	18.6	8.54	5.68	2.74	1.42	---	1977
1978	1.32	1.25	1.36	1.89	5.99	23.7	15.2	9.14	6.89	4.61	2.67	1.55	6.31	1978
1979	1.20	0.984	1.15	1.58	5.41	21.9	27.2	12.0	9.89	5.76	4.03	2.67	7.85	1979
1980	2.15	1.97	1.46	1.89	4.63	31.9	---	---	---	---	4.13	2.25	---	1980
1981	1.88	1.86	1.85	1.91	16.1	35.4	36.6	18.3	14.2	9.25	6.10	4.07	12.4	1981
1982	2.60	1.93	1.68	1.66	4.68	32.4	19.8	12.2	9.14	6.21	4.34	2.96	8.31	1982
MEAN	1.77	1.50	1.39	1.59	6.26	25.2	22.3	14.2	9.26	5.70	3.12	2.17	7.93	MEAN

LOCATION - LAT 60 08 05 N DRAINAGE AREA, 875 km²
LONG 134 53 45 W NATURAL FLOW

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	32.6 AT 09:05 YST ON JUN 8	29.7 ON JUN 8	1.50 B ON FEB 21	---	1958
1959	44.2 AT 10:00 YST ON JUN 26	41.9 ON JUN 26	1.18 B ON APR 7	---	1959
1960	49.8 AT 11:15 YST ON JUN 27	48.1 ON JUN 27	1.26 B ON MAR 3	---	1960
1961	42.2 AT 08:30 YST ON JUL 2	40.5E ON JUN 8	1.53 B ON FEB 1	---	1961
1962	39.1 AT 08:30 YST ON JUL 7	37.7 ON JUL 7	---	---	1962
1963	51.8 AT 16:00 YST ON JUL 6	50.4 ON JUL 6	---	---	1963
1964	---	68.5E ON JUN 10	---	---	1964
1965	40.8 AT 09:00 YST ON JUL 2	38.5 ON JUL 2	---	---	1965
1966	48.1 AT 07:30 YST ON JUN 11	46.2 ON JUN 11	0.985B ON APR 6	214 000	1966
1967	55.5 AT 08:30 YST ON JUN 19	53.0 ON JUN 21	1.30 B ON APR 15	265 000	1967
1968	64.3 AT 20:30 YST ON MAY 22	49.6 ON MAY 23	1.19 B ON MAR 19	266 000	1968
1969	66.3 AT 14:00 YST ON JUN 15	65.1 ON JUN 15	1.42 B ON MAR 6	270 000	1969
1970	29.7 AT 13:14 YST ON JUL 27	28.1 ON JUL 27	1.47 B ON DEC 30	176 000	1970
1971	68.8 AT 03:00 YST ON JUN 25	66.5 ON JUN 25	1.17 B ON FEB 28	253 000	1971
1972	54.7 AT 09:21 YST ON JUN 14	50.4 ON JUN 14	0.929B ON MAR 16	215 000	1972
1973	53.0 AT 14:30 YST ON JUL 8	47.6 ON JUL 9	1.35 B ON MAR 20	213 000	1973
1974	45.0 AT 12:00 YST ON JUL 1	41.6 ON JUL 1	1.18 B ON FEB 26	---	1974
1975	58.6 AT 14:55 YST ON JUL 1	57.5 ON JUL 1	1.16 B ON MAR 16	258 000	1975
1976	62.3 AT 12:35 YST ON JUN 27	58.3 ON JUN 27	1.30 B ON FEB 29	274 000	1976
1977	---	---	1.23 B ON DEC 9	---	1977
1978	56.1 AT 08:45 YST ON JUN 16	49.0 ON JUN 16	1.19 B ON MAR 1	199 000	1978
1979	68.0 AT 01:57 YST ON JUL 5	63.9 ON JUL 5	0.912B ON FEB 12 *	247 000	1979
1980	103 AT 12:25 YST ON JUN 7 *	91.5 ON JUN 8 *	1.33 B ON MAR 22	---	1980
1981	56.8 AT 22:54 YST ON JUL 17	54.9 ON JUL 18	1.70 B ON APR 15	390 000	1981
1982	58.8 AT 10:03 YST ON JUN 12	54.6 ON JUN 12	1.57 B ON APR 1	262 000	1982
MEAN				250 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

WHITE RIVER AT KILOMETRE 1881.6 ALASKA HIGHWAY - STATION NO. 09CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	45.8	19.8	18.1	---	1974
1975	15.4	14.4	14.4	15.1	52.1	202	416	248	115	38.8	18.0	18.0	98.1	1975
1976	17.0	17.2	16.2	15.6	63.9	270	467	408	82.6	36.1	19.5	14.8	120	1976
1977	14.0	14.5	15.0	18.6	63.5	303	358	459	85.6	36.1	22.3	17.2	118	1977
1978	15.5	14.7	14.5	15.5	60.9	200	398	401	168	22.7	14.1	16.6	113	1978
1979	13.3	14.3	18.5	24.4	71.8	225	489	484	142	36.6	24.8	14.6	131	1979
1980	12.6	15.5	15.6	19.4	46.5	257	462	---	---	50.2	25.1	13.4	---	1980
1981	13.0	11.8	10.9	10.9	70.3	196	369	259	89.6	43.8	22.2	14.0	93.3	1981
1982	12.6	11.9	12.2	13.8	47.3	223	409	379	125	41.9	19.7	14.2	110	1982
MEAN	14.2	14.3	14.7	16.7	59.5	235	421	377	115	39.1	20.6	15.7	112	MEAN

LOCATION - LAT 61 58 41 N DRAINAGE AREA, 6 240 km²
LONG 140 33 10 W NATURAL FLOW

WHITE RIVER AT KILOMETRE 1881.6 ALASKA HIGHWAY - STATION NO. 09CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	929 AT 19:38 YST ON JUL 13	801 ON JUL 13	14.0B ON FEB 2	3 100 000	1975
1976	1 130 AT 04:07 YST ON AUG 2 *	963 ON AUG 2 *	13.5B ON DEC 26	3 780 000	1976
1977	668 AT 02:30 YST ON AUG 22	597 ON AUG 22	13.6B ON JAN 2	3 730 000	1977
1978	850 AT 00:20 YST ON AUG 6	725 ON AUG 6	11.9B ON NOV 15	3 560 000	1978
1979	806 AT 22:50 YST ON AUG 1	721 ON AUG 2	11.5B ON DEC 14	4 140 000	1979
1980	---	---	10.6B ON JAN 12	---	1980
1981	934 AT 20:35 YST ON AUG 9	743 ON AUG 10	10.1B ON MAR 24 *	2 940 000	1981
1982	919 AT 07:40 YST ON JUL 30	806 ON JUL 30	10.9B ON FEB 15	3 480 000	1982
				3 530 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	1.79	1.35	1.48	1.64	189	47.7	169	104	92.3	21.1	11.9	5.83	54.6	1979
1980	3.25	2.33	2.19	2.69	155	76.1	24.5	121	41.0	9.73	5.47	3.99	37.5	1980
1981	3.21	2.55	2.30	2.47	106	44.8	172	31.3	21.9	13.8	7.23	4.13	34.7	1981
1982	1.88	0.950	1.27	1.94	253	201	50.5	49.7	40.7	11.4	3.94	2.40	51.9	1982
MEAN	2.53	1.80	1.81	2.19	176	92.4	104	76.5	49.0	14.0	7.14	4.09	44.7	MEAN

LOCATION - LAT 66 25 38 N   DRAINAGE AREA, 6 730 km^2
LONG 138 24 10 W   NATURAL FLOW

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	561E ON MAY 17	1.27 B ON FEB 11	1 720 000	1979
1980	---	900E ON MAY 19	2.06 B ON MAR 12	1 190 000	1980
1981	894 AT 02:11 YST ON JUL 21	715 ON JUL 20	2.17 B ON MAR 26	1 100 000	1981
1982	1 070 AT 16:25 YST ON MAR 27 *	1 030 ON MAY 27 *	0.790B ON FEB 21 *	1 640 000	1982
				1 410 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	368	741	806	729	538	347	124	---	1953
1954	93.7	102	97.4	88.9	122	392	610	647	581	---	---	---	---	1954
1955	---	---	---	---	---	---	---	666	509	328	205	138	---	1955
1956	95.2	84.0	74.7	74.1	113	238	421	578	576	446	201	139	254	1956
1957	129	106	90.0	81.3	175	613	765	718	688	581	387	190	378	1957
1958	195	153	126	105	120	329	547	600	526	358	188	153	284	1958
1959	112	115	101	90.3	117	345	710	663	547	380	195	133	294	1959
1960	130	124	114	---	---	369	---	---	622	479	330	209	---	1960
1961	152	119	102	102	126	397	690	786	757	564	258	204	356	1961
1962	190	156	125	110	123	342	687	735	688	560	414	302	370	1962
1963	210	184	164	120	157	333	624	716	718	641	432	292	384	1963
1964	238	187	150	133	138	384	690	729	650	469	325	181	357	1964
1965	142	126	115	110	110	207	4·7	581	542	465	353	224	284	1965
1966	139	119	117	116	119	223	489	629	576	499	340	217	300	1966
1967	163	121	104	107	150	360	597	624	638	598	422	298	350	1967
1968	212	150	115	119	155	281	501	635	625	529	379	255	330	1968
1969	161	117	102	111	141	344	651	634	559	460	326	266	324	1969
1970	220	188	165	187	177	232	366	468	434	343	228	186	264	1970
1971	164	152	146	189	152	213	533	776	709	476	250	160	325	1971
1972	180	137	140	143	157	320	536	657	640	425	232	176	309	1972
1973	165	161	150	156	176	210	422	556	465	291	192	155	259	1973
1974	139	131	124	130	145	227	389	582	624	520	345	243	301	1974
1975	198	182	176	180	197	231	569	697	635	568	273	197	343	1975
1976	181	171	162	165	225	288	573	652	538	406	289	217	323	1976
1977	190	165	163	215	208	312	612	766	717	490	276	204	361	1977
1978	183	171	154	153	224	287	455	554	504	361	288	178	293	1978
1979	161	150	160	164	196	271	599	736	704	572	282	204	352	1979
1980	186	173	169	172	199	336	570	646	547	440	375	195	334	1980
1981	167	162	163	178	237	427	649	747	748	656	407	212	398	1981
1982	179	175	159	161	183	308	575	673	633	465	263	188	331	1982
MEAN	166	146	133	133	161	317	571	664	614	480	304	201	325	MEAN

LOCATION - LAT 61 26 04 N   DRAINAGE AREA, 30 800 km^2
LONG 135 11 18 W   REGULATED SINCE 1925

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	824 AT 02:00 YST ON AUG 15	821 ON AUG 14	---	---	1953
1954	660 AT 13:00 YST ON AUG 20	660 ON AUG 20	87.8B ON JAN 1	---	1954
1955	---	699 ON AUG 12	---	---	1955
1956	603 AT 16:00 YST ON SEP 3	603 ON SEP 3	70.8B ON MAR 28 *	8 040 000	1956
1957	801 AT 16:00 YST ON JUL 6	799 ON JUL 5	79.3B ON APR 14	11 900 000	1957
1958	612 AT 19:00 YST ON AUG 15	606 ON AUG 15	103 B ON APR 15	8 960 000	1958
1959	739 AT 18:00 YST ON JUL 16	736 ON JUL 14	89.5B ON APR 14	9 280 000	1959
1960	---	722A ON AUG 24	---	---	1960
1961	827 AT 11:30 YST ON AUG 29 *	824 ON AUG 29 *	102 B ON FEB 15	11 200 000	1961
1962	736 AT 17:00 YST ON AUG 8	736 ON AUG 8	109 B ON MAY 1	11 700 000	1962
1963	739 AT 14:00 YST ON AUG 26	736 ON AUG 26	120 B ON APR 1	12 100 000	1963
1964	750 AT 15:00 YST ON AUG 13	750 ON AUG 13	127 B ON MAY 1	11 300 000	1964
1965	595 AT 11:40 YST ON AUG 16	592 ON AUG 16	102 B ON MAY 16	8 950 000	1965
1966	646 AT 16:00 YST ON AUG 9	643 ON AUG 9	113 B ON MAR 11	9 450 000	1966
1967	688 AT 16:00 YST ON SEP 26	682 ON SEP 28	102 B ON MAR 20	11 000 000	1967
1968	660 AT 01:15 YST ON AUG 21	657 ON AUG 21	110 B ON MAR 25	10 400 000	1968
1969	674 AT 18:00 YST ON JUL 20	668 ON JUL 16	100 B ON MAR 24	10 200 000	1969
1970	493 AT 12:23 YST ON AUG 21	490 ON AUG 19	142 E ON APR 19	8 300 000	1970
1971	821 AT 23:45 YST ON AUG 22	818 ON AUG 22	142 B ON MAR 8	10 200 000	1971
1972	694 AT 16:13 YST ON AUG 30	691 ON AUG 27	136 B ON FEB 17	9 780 000	1972
1973	569 AT 19:00 YST ON AUG 11	566 ON AUG 11	147 B ON MAR 21	8 170 000	1973
1974	646 AT 20:00 YST ON SEP 12	643 ON SEP 7	121 B ON MAR 27	9 490 000	1974
1975	765 ON AUG 1	765A ON AUG 1	175 B ON MAR 15	10 800 000	1975
1976	663 AT 19:16 YST ON AUG 18	660 ON AUG 16	157 B ON APR 6	10 200 000	1976
1977	796 AT 05:53 YST ON AUG 30	793 ON AUG 30	153 B ON MAR 18	11 400 000	1977
1978	575 AT 10:45 YST ON AUG 20	569 ON AUG 20	145 B ON APR 3	9 260 000	1978
1979	748 AT 15:39 YST ON AUG 11	744 ON AUG 7	144 B ON FEB 10	11 100 000	1979
1980	658 AT 18:33 YST ON AUG 20	657 ON AUG 20	166 B ON MAR 17	10 600 000	1980
1981	---	762E ON SEP 21	157 B ON FEB 15	12 500 000	1981
1982	691 AT 17:43 YST ON AUG 15	687 ON AUG 15	150 B ON APR 3	10 400 000	1982
				10 300 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	1 270	1 050	519	318	---	1956
1957	281	257	241	237	2 270	3 830	2 610	1 580	1 250	1 030	751	457	1 240	1957
1958	417	321	266	297	1 050	1 950	1 390	1 160	1 060	759	459	388	795	1958
1959	317	251	237	248	1 610	2 890	2 450	2 020	1 680	1 110	---	---	---	1959
1960	---	---	---	282	1 580	2 480	2 450	2 180	1 760	1 250	734	510	---	1960
1961	447	357	311	311	1 580	3 960	2 650	1 940	1 870	1 570	680	510	1 350	1961
1962	453	425	340	311	1 610	6 080	3 710	2 090	1 930	---	---	---	---	1962
1963	---	---	---	---	---	---	3 130	2 180	1 970	1 730	968	680	---	1963
1964	566	481	425	357	693	5 260	3 080	2 060	1 590	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	1 220	611	466	---	1965
1966	278	244	244	286	1 190	2 790	2 220	1 580	1 340	1 200	591	544	1 050	1966
1967	421	364	289	272	1 510	4 140	2 840	1 950	1 630	1 390	812	497	1 350	1967
1968	400	309	325	364	1 140	2 910	2 540	1 960	1 950	1 560	843	496	1 240	1968
1969	365	312	266	321	1 250	2 510	2 170	2 030	2 240	1 490	842	540	1 200	1969
1970	426	373	347	339	1 330	2 490	2 010	1 800	1 520	1 410	753	436	1 110	1970
1971	349	338	336	324	838	3 010	2 220	1 640	1 420	1 070	604	427	1 050	1971
1972	371	345	307	291	1 270	4 400	2 840	2 100	1 580	1 070	517	346	1 290	1972
1973	335	329	301	326	1 580	2 800	2 590	2 000	1 790	1 030	473	383	1 170	1973
1974	274	250	244	273	1 300	2 680	2 140	2 250	1 600	1 210	933	509	1 140	1974
1975	412	389	348	329	1 590	3 110	2 980	2 060	1 820	1 590	691	424	1 320	1975
1976	367	360	351	375	1 840	2 980	3 040	1 930	1 400	988	704	470	1 240	1976
1977	440	422	392	433	1 520	3 010	2 570	2 010	1 630	1 250	631	461	1 230	1977
1978	391	342	296	300	1 270	2 300	2 120	1 900	1 250	1 050	808	449	1 040	1978
1979	376	337	339	368	1 550	3 260	3 120	2 230	1 420	1 160	684	443	1 280	1979
1980	416	402	390	421	1 180	2 100	1 940	1 840	1 630	1 430	999	546	1 110	1980
1981	452	382	367	400	1 710	2 410	2 130	1 600	1 530	1 460	1 040	554	1 170	1981
1982	444	455	381	369	907	2 650	1 780	1 390	1 160	1 030	619	425	969	1982
MEAN	391	350	319	326	1 390	3 170	2 510	1 900	1 590	1 240	719	470	1 170	MEAN

LOCATION - LAT 63 05 02 N LONG 139 29 40 W DRAINAGE AREA, 150 000 km^2 REGULATED SINCE 1925

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	5 270 ON MAY 27	231B ON APR 21	39 000 000	1957
1958	---	2 350 ON JUN 13	258B ON MAR 21	25 100 000	1958
1959	---	3 340 ON JUN 17	227B ON MAR 29 *	---	1959
1960	---	3 090E ON JUL 31	247B ON APR 8	---	1960
1961	---	4 980 ON JUN 14	311B ON FEB 16	42 700 000	1961
1962	---	7 700 ON JUN 25 *	311B ON APR 1	---	1962
1963	---	3 570 ON JUN 26	---	---	1963
1964	---	6 850 ON JUN 13	323B ON MAY 1	---	1964
1965	---	---	---	---	1965
1966	3 430 AT 16:00 YST ON JUN 20	3 400 ON JUN 20	241B ON FEB 16	33 000 000	1966
1967	5 070 AT 16:15 YST ON JUN 5 *	4 900 ON JUN 6	248B ON APR 1	42 500 000	1967
1968	---	3 230 ON MAY 29	303B ON FEB 8	39 100 000	1968
1969	3 060 AT 18:00 YST ON JUN 13	3 060 ON JUN 13	246B ON MAR 25	37 800 000	1969
1970	3 620 AT 05:00 YST ON JUN 11	3 540 ON JUN 11	337B ON APR 5	34 900 000	1970
1971	---	3 430E ON JUN 14	306B ON APR 13	33 100 000	1971
1972	---	6 540E ON JUN 3	280B ON APR 12	40 700 000	1972
1973	3 280 AT 15:40 YST ON JUN 21	3 260 ON JUN 21	280B ON APR 3	36 800 000	1973
1974	---	3 060E ON JUN 4	242B ON FEB 26	36 000 000	1974
1975	3 790 AT 12:16 YST ON JUN 6	3 790 ON JUN 6	317B ON APR 2	41 500 000	1975
1976	---	3 850E ON JUL 16	345B ON MAR 29	39 100 000	1976
1977	3 260 AT 16:50 YST ON JUN 8	3 230 ON JUN 6	371B ON MAR 25	38 900 000	1977
1978	2 690 AT 21:00 YST ON JUN 10	2 680 ON JUN 9	276B ON APR 12	32 900 000	1978
1979	3 770 AT 12:45 YST ON JUN 9	3 750 ON JUN 9	320B ON FEB 12	40 400 000	1979
1980	---	2 490E ON JUL 19	377B ON MAR 13	35 100 000	1980
1981	3 170 AT 21:00 YST ON JUN 2	3 010 ON JUN 3	348B ON MAR 31	37 000 000	1981
1982	3 320 AT 08:32 YST ON JUN 13	3 310 ON JUN 13	360B ON MAR 30	30 600 000	1982
				36 800 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	963	831	663	320	183	---	1951
1952	162	146	138	142	379	1 310	1 800	1 290	1 280	1 210	909	394	764	1952
1953	250	247	210	181	630	1 080	1 420	1 360	1 420	1 020	564	306	726	1953
1954	264	238	222	219	548	1 590	1 400	1 170	921	760	504	261	676	1954
1955	223	226	220	170	353	899	1 660	1 380	976	719	326	232	619	1955
1956	202	179	161	158	451	1 180	1 170	1 020	922	751	342	229	565	1956
1957	222	210	197	188	781	2 290	1 870	1 300	1 060	829	618	353	829	1957
1958	319	257	225	224	460	1 060	915	854	790	577	346	273	526	1958
1959	192	190	183	182	467	1 530	1 600	1 440	1 210	858	393	268	712	1959
1960	259	247	218	243	965	1 500	1 700	1 480	1 290	952	516	344	813	1960
1961	322	255	227	227	532	2 270	2 140	1 530	1 420	1 180	473	453	922	1961
1962	388	328	255	238	548	2 420	2 690	1 640	1 430	1 240	---	---	---	1962
1963	---	---	---	---	---	1 670	2 130	1 590	1 280	1 250	820	623	---	1963
1964	481	368	311	278	369	2 430	2 120	1 490	1 160	860	561	349	899	1964
1965	284	260	260	283	441	1 290	1 320	1 060	960	822	541	416	663	1965
1966	250	214	212	252	411	1 380	1 430	1 220	1 060	957	471	421	693	1966
1967	337	290	231	221	635	2 110	1 710	1 240	1 110	1 050	617	326	825	1967
1968	282	274	267	283	536	1 410	1 460	1 300	1 320	1 180	700	422	787	1968
1969	326	268	224	236	542	1 550	1 530	1 440	1 580	1 160	682	436	833	1969
1970	326	286	265	254	495	1 240	1 160	1 010	938	961	544	349	655	1970
1971	301	310	289	265	498	1 530	1 490	1 230	1 070	773	443	303	711	1971
1972	270	265	245	232	577	2 140	1 700	1 350	1 140	846	393	261	785	1972
1973	268	269	245	264	601	1 400	1 600	1 270	1 130	701	355	273	701	1973
1974	218	206	201	225	555	1 380	1 480	1 490	1 170	974	724	422	757	1974
1975	345	331	295	278	625	1 270	1 890	1 460	1 280	1 100	510	335	813	1975
1976	309	310	299	313	758	1 740	2 040	1 390	1 030	770	540	367	823	1976
1977	350	315	288	346	615	1 730	1 800	1 490	1 220	893	483	347	826	1977
1978	314	287	253	241	519	1 060	1 000	928	800	616	490	294	569	1978
1979	287	282	281	301	631	1 640	2 040	1 490	1 070	890	543	353	822	1979
1980	332	324	334	349	576	1 360	1 320	1 350	1 110	1 060	808	449	783	1980
1981	387	325	315	317	818	1 670	1 600	1 220	1 230	1 150	776	432	856	1981
1982	377	404	331	317	489	1 380	1 300	1 040	925	766	455	316	677	1982
MEAN	295	270	247	248	560	1 560	1 630	1 300	1 130	923	541	348	746	MEAN

LOCATION - LAT 62 05 45 N DRAINAGE AREA, 81 800 km^2
LONG 136 16 18 W REGULATED SINCE 1925

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	2 200 ON JUL 2	136B ON MAR 15 *	24 200 000	1952
1953	---	1 580 ON SEP 5	176B ON APR 19	22 900 000	1953
1954	---	1 700 ON JUN 14	215B ON MAR 26	21 300 000	1954
1955	---	1 770 ON JUL 8	164B ON APR 11	19 500 000	1955
1956	---	1 350 ON JUN 12	153B ON MAR 24	17 900 000	1956
1957	---	2 510 ON JUN 16	184B ON APR 24	26 100 000	1957
1958	---	1 150 ON JUN 14	214B ON APR 9	16 600 000	1958
1959	---	1 840 ON JUL 2	176B ON MAR 29	22 500 000	1959
1960	---	1 880A ON JUN 30	210B ON MAR 20	25 700 000	1960
1961	2 620 AT 08:00 YST ON JUN 21	2 590 ON JUN 21	227B ON FEB 15	29 100 000	1961
1962	---	3 600A ON JUN 24 *	238B ON APR 1	---	1962
1963	2 390 AT 11:00 YST ON JUL 14	2 380 ON JUL 13	---	---	1963
1964	2 890 AT 03:30 YST ON JUN 23 *	2 890 ON JUN 23	268 ON MAY 17	28 400 000	1964
1965	1 470 AT 05:00 YST ON JUL 7	1 460 ON JUL 7	256B ON FEB 26	20 900 000	1965
1966	1 760 AT 18:15 YST ON JUL 9	1 710 ON JUN 18	210B ON FEB 17	21 900 000	1966
1967	2 490 AT 21:15 YST ON JUN 23	2 450 ON JUN 23	205B ON MAR 24	26 000 000	1967
1968	1 670 AT 09:00 YST ON JUL 7	1 650 ON JUL 7	261B ON FEB 4	24 900 000	1968
1969	1 770 AT 04:30 YST ON JUN 16	1 760 ON JUN 16	209B ON MAR 26	26 300 000	1969
1970	1 400 AT 16:30 YST ON JUL 22	1 380 ON JUL 22	249B ON APR 16	20 600 000	1970
1971	1 970 AT 13:53 YST ON JUN 22	1 950 ON JUN 22	261B ON APR 11	22 400 000	1971
1972	2 420 AT 10:42 YST ON JUN 26	2 410 ON JUN 26	226B ON APR 19	24 800 000	1972
1973	1 810 AT 08:00 YST ON JUL 2	1 800 ON JUL 2	227B ON DEC 31	22 100 000	1973
1974	1 750 AT 10:42 YST ON AUG 7	1 730 ON AUG 7	198B ON FEB 27	23 900 000	1974
1975	2 040 AT 18:21 YST ON JUL 14	2 020 ON JUL 20	272B ON APR 4	25 600 000	1975
1976	2 380 AT 17:05 YST ON JUL 2	2 250 ON JUL 2	292B ON MAR 24	26 000 000	1976
1977	2 010 AT 11:00 YST ON JUN 21	2 000 ON JUN 21	272B ON MAR 22	26 100 000	1977
1978	1 190 AT 10:20 YST ON JUN 17	1 180 ON JUN 17	229B ON APR 4	17 900 000	1978
1979	2 260 AT 10:45 YST ON JUL 8	2 250 ON JUL 8	269B ON FEB 12	25 900 000	1979
1980	1 530 AT 18:21 YST ON JUN 18	1 510 ON JUN 18	303B ON FEB 16	24 700 000	1980
1981	1 790 AT 08:45 YST ON JUN 24	1 780 ON JUN 24	301B ON MAR 23	27 000 000	1981
1982	1 630 AT 07:25 YST ON JUN 21	1 610 ON JUN 21	290B ON DEC 26	21 400 000	1982
				23 500 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT DAWSON - STATION NO. 09EB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	542	3 810	5 550	4 770	3 910	3 220	3 090	1 430	1 170	---	1945
1946	906	654	530	869	4 710	5 130	4 030	3 280	2 870	1 820	1 100	842	2 240	1946
1947	611	417	456	903	4 210	5 690	4 170	3 010	2 780	2 280	1 120	1 090	2 240	1947
1948	729	461	373	709	4 330	4 910	3 720	3 700	3 160	2 100	1 040	678	2 170	1948
1949	510	431	413	634	4 560	6 460	5 670	4 590	2 960	2 000	1 300	808	2 540	1949
1950	663	554	443	642	3 460	4 260	3 430	2 940	2 210	1 450	714	329	1 770	1950
1951	228	185	227	373	3 440	3 950	3 760	2 830	2 240	1 320	758	373	1 650	1951
1952	282	262	256	267	1 670	4 640	4 620	3 160	3 080	---	---	---	---	1952
1954	---	---	---	---	---	---	---	---	2 540	1 630	---	---	---	1954
1956	---	---	---	---	---	4 470	4 430	3 540	2 600	1 520	684	537	---	1956
1957	505	408	377	362	4 840	6 870	5 300	3 480	2 410	1 780	1 120	617	2 350	1957
1958	583	499	436	461	2 480	4 320	3 240	2 990	2 140	1 120	548	475	1 610	1958
1959	450	392	364	388	4 280	5 590	4 420	3 790	2 920	1 690	---	---	---	1959
1960	597	520	455	488	3 610	4 690	4 990	4 810	3 470	2 140	983	676	2 300	1960
1961	609	502	406	418	3 360	7 590	5 220	4 090	2 920	2 350	960	680	2 440	1961
1962	623	566	510	481	3 630	9 560	6 630	4 780	3 530	2 510	1 180	801	2 910	1962
1963	700	610	552	488	4 520	5 430	6 190	4 260	3 340	2 680	1 300	736	2 580	1963
1964	651	623	566	538	1 930	12 200	7 140	5 070	3 160	2 030	1 040	621	2 970	1964
1965	475	455	459	513	1 830	4 730	4 620	3 370	2 750	1 930	928	755	1 910	1965
1966	469	408	401	474	2 560	5 740	4 420	2 960	2 240	1 450	740	687	1 890	1966
1967	479	402	341	351	2 580	7 750	5 360	4 010	3 270	2 040	1 180	643	2 370	1967
1968	522	451	517	568	2 940	5 890	5 030	3 580	3 070	2 230	1 150	752	2 230	1968
1969	574	461	343	472	2 610	4 680	3 770	3 240	3 270	2 020	1 110	663	1 940	1969
1970	542	467	424	414	2 660	5 120	4 100	3 190	2 600	2 050	1 000	540	1 930	1970
1971	418	423	452	472	3 280	6 130	4 420	3 590	2 730	1 700	744	452	2 080	1971
1972	419	435	405	382	2 710	8 030	5 200	3 960	2 910	1 580	683	506	2 270	1972
1973	471	442	388	437	3 230	5 530	5 260	3 920	3 440	1 550	682	459	2 160	1973
1974	328	300	293	334	2 840	5 040	4 120	4 600	2 990	1 930	1 400	664	2 080	1974
1975	558	538	488	473	4 240	7 150	6 300	4 070	3 380	2 700	993	660	2 640	1975
1976	544	506	498	519	3 600	5 570	5 710	3 890	2 380	1 860	1 070	667	2 240	1976
1977	626	590	518	570	2 950	6 080	4 530	3 740	2 410	1 770	879	674	2 120	1977
1978	526	426	354	405	2 150	4 420	4 590	3 960	2 420	1 880	1 280	746	1 940	1978
1979	575	457	455	517	3 590	6 360	6 560	4 900	3 060	2 230	981	631	2 540	1979
1980	590	559	544	580	2 550	4 450	4 170	3 900	3 240	2 570	1 530	735	2 120	1980
MEAN	541	465	427	501	3 290	5 880	4 850	3 790	2 870	1 970	1 020	667	2 210	MEAN

LOCATION - LAT 64 04 12 N, LONG 139 25 30 W
DRAINAGE AREA, 264 000 km^2
REGULATED SINCE 1925

YUKON RIVER AT DAWSON - STATION NO. 09EB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	6 650 ON MAY 22	371B ON MAR 19	---	1945
1946	---	7 330 ON MAY 31	481B ON MAR 21	70 600 000	1946
1947	---	7 900 ON JUN 2	379B ON MAR 15	70 700 000	1947
1948	---	7 220 ON JUN 2	258B ON FEB 19	68 500 000	1948
1949	---	7 360 ON JUN 27	394B ON APR 14	80 100 000	1949
1950	---	6 090 ON MAY 13	259B ON DEC 31	55 800 000	1950
1951	---	4 640 ON JUN 3	180B ON FEB 19 *	52 000 000	1951
1952	---	6 140 ON JUL 3	256B ON MAR 1	---	1952
1954	---	---	---	---	1954
1956	---	5 410 ON JUL 3	---	---	1956
1957	---	10 600 ON MAY 24	345B ON APR 14	74 200 000	1957
1958	---	5 920 ON JUN 13	413B ON APR 9	50 900 000	1958
1959	---	7 820 ON MAY 21	354B ON APR 16	---	1959
1960	---	6 510 ON AUG 1	425B ON MAR 29	72 700 000	1960
1961	---	10 100 ON JUN 13	385B ON MAR 19	76 900 000	1961
1962	---	10 900 ON JUN 18	481B ON APR 1	91 900 000	1962
1963	---	7 900 ON JUL 14	481B ON APR 1	81 500 000	1963
1964	---	14 900 ON JUN 11 *	481B ON MAY 1	93 800 000	1964
1965	---	6 600 ON JUN 3	453B ON FEB 11	60 300 000	1965
1966	---	6 990 ON JUN 21	396B ON MAR 16	59 500 000	1966
1967	---	9 830 ON JUN 6	306B ON MAR 25	74 800 000	1967
1968	---	7 280 ON MAY 26	447B ON FEB 5	70 600 000	1968
1969	---	6 120 ON JUN 15	317B ON MAR 25	61 200 000	1969
1970	---	6 970 ON JUN 9	411B ON APR 11	61 000 000	1970
1971	---	7 620 ON JUN 16	388B ON JAN 24	65 400 000	1971
1972	---	12 100 ON JUN 3	374B ON APR 11	71 700 000	1972
1973	---	6 800 ON JUN 24	368B ON MAR 19	68 100 000	1973
1974	---	6 200A ON JUN 5	292B ON FEB 21	65 600 000	1974
1975	9 230 AT 19:29 YST ON JUN 6 *	9 090 ON JUN 6	462B ON APR 4	83 300 000	1975
1976	7 650 AT 20:36 YST ON JUL 17	7 530 ON JUL 17	481B ON APR 2	70 800 000	1976
1977	7 110 AT 09:30 YST ON JUN 4	7 080 ON JUN 4	498B ON MAR 30	66 900 000	1977
1978	5 580 AT 05:20 YST ON JUN 9	5 550 ON JUN 9	343B ON MAR 23	61 100 000	1978
1979	7 450 AT 22:10 YST ON JUL 9	7 340 ON JUL 9	430B ON FEB 27	80 200 000	1979
1980	6 100 AT 08:58 YST ON JUN 13	6 030 ON JUN 13	520B ON FEB 21	67 200 000	1980
				69 900 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT STEWART RIVER - STATION NO. 09EB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	2 310	1 400	584	436	---	1956
1957	410	363	357	321	4 230	6 190	4 820	3 210	2 240	1 580	982	572	2 120	1957
1958	559	454	393	419	2 020	3 700	3 010	2 730	1 930	973	---	---	---	1958
1959	---	375	352	372	3 540	4 940	4 020	3 560	2 750	1 570	---	---	---	1959
1960	544	444	394	441	3 290	4 380	4 640	4 410	3 210	2 000	892	708	2 120	1960
1961	622	496	424	411	2 790	6 850	4 920	3 830	2 880	2 210	841	623	2 250	1961
1962	566	510	453	425	2 970	8 800	6 310	4 510	3 300	2 350	1 130	757	2 680	1962
1963	664	582	524	460	3 970	5 050	5 880	4 030	3 180	2 450	1 150	708	2 400	1963
1964	683	623	542	510	1 490	11 000	6 530	4 810	3 040	1 910	975	571	2 720	1964
1965	438	418	422	472	1 600	---	---	---	---	---	---	---	---	1965
MEAN	561	474	429	426	2 880	6 360	5 020	3 890	2 760	1 830	936	625	2 380	MEAN

LOCATION - LAT 63 18 42 N LONG 139 25 43 W DRAINAGE AREA, 251 000 km^2 NATURAL FLOW

YUKON RIVER AT STEWART RIVER - STATION NO. 09EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	9 910 ON MAY 27	300B ON APR 18 *	66 700 000	1957
1958	---	4 640 ON JUN 11	379B ON APR 7	---	1958
1959	---	6 310 ON MAY 25	340B ON APR 15	---	1959
1960	---	5 830 ON JUL 31	377B ON APR 4	67 100 000	1960
1961	---	8 980 ON JUN 13	411B ON MAR 17	71 100 000	1961
1962	---	10 200E ON JUN 18	425B ON APR 1	84 600 000	1962
1963	---	7 500 ON JUL 14	453B ON APR 1	75 700 000	1963
1964	---	13 300 ON JUN 12 *	453B ON MAY 1	86 100 000	1964
1965	---	5 640 ON JUN 4	416B ON FEB 11	---	1965
				75 200 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	483	298	200	---	1943
1944	109	68.4	66.3	51.9	236	405	598	601	543	512	388	209	317	1944
1945	104	90.5	82.4	70.4	22	406	418	463	406	302	107	93.3	232	1945
1946	86.2	79.2	68.4	49.6	215	381	486	497	475	375	87.1	72.8	241	1946
1947	67.4	69.0	64.6	57.6	207	385	402	453	437	390	119	80.9	229	1947
1948	76.3	76.5	73.4	69.3	183	463	504	539	491	328	80.7	79.8	248	1948
1949	71.0	64.1	60.2	76.3	217	282	367	445	434	311	111	122	214	1949
1950	112	85.6	68.2	84.9	184	322	450	477	454	374	107	72.4	234	1950
1951	72.1	68.2	59.2	53.9	190	314	410	477	471	333	76.5	58.9	216	1951
1952	56.6	55.6	56.4	62.7	104	243	361	479	476	442	313	141	233	1952
1953	110	96.4	84.8	72.0	127	382	586	631	567	407	264	89.5	286	1953
1954	71.1	85.0	81.9	73.8	111	397	479	499	436	322	145	96.4	234	1954
1955	80.6	89.9	86.0	58.1	73.9	149	446	478	374	205	95.6	85.7	186	1955
1956	77.8	71.9	67.7	64.4	98.9	223	333	416	420	312	124	101	193	1956
1957	94.4	89.3	83.3	77.0	158	446	534	567	558	459	244	128	288	1957
1958	130	106	81.5	75.2	104	337	439	484	379	232	128	104	217	1958
1959	86.2	82.3	72.9	67.4	68.2	338	528	489	394	251	140	103	219	1959
1960	94.4	90.4	82.8	62.5	108	318	434	525	468	317	170	131	234	1960
1961	107	88.0	77.5	75.1	111	365	510	596	571	420	213	159	276	1961
1962	139	122	93.4	78.9	80.7	291	480	525	501	432	319	214	274	1962
1963	153	133	107	94.8	128	279	461	546	562	511	325	229	295	1963
1964	183	144	112	103	90.4	310	493	547	465	351	248	145	266	1964
1965	113	101	102	95.5	93.2	182	355	437	420	360	253	164	224	1965
1966	102	91.1	87.0	84.5	83.2	196	378	451	435	376	249	163	226	1966
1967	131	93.6	76.9	78.8	100	256	395	445	486	429	280	161	245	1967
1968	133	104	97.9	81.8	108	238	377	461	457	397	293	166	243	1968
1969	112	79.1	72.5	73.4	98.2	312	485	464	406	331	210	162	235	1969
1970	139	123	113	114	136	214	293	364	303	249	156	145	196	1970
1971	128	118	118	118	105	194	414	583	536	328	151	130	244	1971
1972	121	120	117	116	117	245	395	501	486	285	178	130	235	1972
1973	123	123	121	124	121	175	329	400	307	162	124	115	186	1973
1974	111	106	104	109	106	174	287	393	439	362	222	158	215	1974
1975	148	136	134	136	141	192	484	502	466	386	164	145	254	1975
1976	142	128	143	180	179	248	437	487	348	289	224	148	246	1976
1977	140	134	145	194	158	280	467	584	541	247	174	138	268	1977
1978	136	130	125	126	140	240	338	401	339	230	209	135	213	1978
1979	134	130	129	137	143	236	445	546	540	407	153	145	263	1979
1980	142	142	160	168	165	314	441	495	370	377	243	136	263	1980
1981	136	133	138	158	219	379	499	591	611	505	239	146	314	1981
1982	144	154	173	158	150	264	432	472	463	289	141	133	248	1982
MEAN	113	103	97.1	95.7	138	292	435	495	457	352	194	133	242	MEAN

LOCATION - LAT 60 42 50 N
LONG 135 02 35 W

DRAINAGE AREA, 19 400 km²
REGULATED SINCE 1926

DATA CONTRIBUTED BY -
NORTHERN CANADA POWER COMMISSION

REMARKS - RECORDS OBTAINED AT W.P. AND Y. RAILWAY DEPOT 1902-APR 11 1960: ROBERT CAMPBELL BRIDGE APR 16 1960-OCT 30 1972

YUKON TERRITORY

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1943	---	---	---	---	1943
1944	---	631 ON JUL 17	48.7B ON APR 7	10 000 000	1944
1945	---	481 ON AUG 13	58.3 ON APR 30	7 310 000	1945
1946	---	518 ON JUL 20	38.8 ON APR 29	7 580 000	1946
1947	---	473 ON JUL 31	47.3 ON APR 19	7 210 000	1947
1948	---	555 ON AUG 19	67.4B ON APR 13	7 820 000	1948
1949	---	467 ON AUG 21	53.5B ON MAR 29	6 760 000	1949
1950	---	504 ON AUG 31	63.4B ON MAR 27	7 370 000	1950
1951	---	487 ON AUG 16	46.4 ON MAY 2	6 830 000	1951
1952	---	552 ON AUG 27	55.2B ON FEB 21	7 360 000	1952
1953	---	646 ON AUG 9 *	61.4B ON DEC 23	9 020 000	1953
1954	---	518 ON AUG 13	64.3B ON JAN 1	7 380 000	1954
1955	---	521 ON AUG 8	53.8B ON APR 21	5 860 000	1955
1956	---	445 ON AUG 29	63.1B ON APR 26	6 100 000	1956
1957	---	586 ON AUG 20	75.0B ON APR 21	9 080 000	1957
1958	---	493 ON AUG 13	70.8B ON MAR 30	6 860 000	1958
1959	---	541 ON JUL 5	44.7E ON MAY 5	6 920 000	1959
1960	---	558 ON AUG 16	56.6 ON APR 28	7 400 000	1960
1961	---	629 ON AUG 25	62.0 ON APR 23	8 690 000	1961
1962	---	538 ON AUG 27	32.6 ON MAY 19 *	8 650 000	1962
1963	---	609 ON SEP 20	69.4B ON APR 20	9 310 000	1963
1964	---	592 ON AUG 28	32.6 ON MAY 21	8 420 000	1964
1965	---	456 ON AUG 2	41.9 ON MAY 21	7 060 000	1965
1966	---	459 ON AUG 1	33.7 ON MAY 26	7 120 000	1966
1967	---	527 ON SEP 25	65.7B ON APR 4	7 740 000	1967
1968	---	484 ON AUG 23	67.7 ON APR 28	7 690 000	1968
1969	---	507 ON JUL 20	49.0 ON MAY 10	7 400 000	1969
1970	399 AT 18:04 YST ON AUG 11	377 ON AUG 18	98.5 ON APR 13	6 190 000	1970
1971	643 AT 18:08 YST ON AUG 23 *	612 ON AUG 23	72.8 ON MAY 14	7 710 000	1971
1972	595 AT 16:48 YST ON AUG 24	535 ON AUG 25	81.6 ON JUN 8	7 420 000	1972
1973	---	416 ON AUG 12	104 B ON DEC 29	5 860 000	1973
1974	---	450 ON SEP 10	88.9 ON MAY 22	6 770 000	1974
1975	---	564 ON JUL 22	123 B ON APR 23	8 010 000	1975
1976	---	501 ON AUG 11	86.4 ON MAY 18	7 790 000	1976
1977	---	620 ON AUG 26	129 ON DEC 13	8 430 000	1977
1978	---	419 ON AUG 17	113 ON APR 12	6 710 000	1978
1979	---	556 ON AUG 31	122 B ON FEB 15	8 290 000	1979
1980	---	510 ON AUG 14	132 ON DEC 25	8 330 000	1980
1981	---	635 ON SEP 19	128 B ON FEB 12	9 900 000	1981
1982	---	481 ON AUG 8	104 ON DEC 2	7 830 000	1982
				7 650 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 06MA004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.910	0.736	0.030	0.008	0	---	---	---	1978
1979	---	---	0	0	0.209	0.677	0.064	0.015	0.002	0	---	---	0.159	1979
1980	---	---	0	0	0	0.479	0.098	0.294	0.111	0	---	---	0.162	1980
1981	---	---	0	0	0	0.586	0.219	0.004	---	---	---	---	---	1981
1982	---	---	0	0	0	0.731	0.179	0.150	0.379	0.064	---	---	0.247	1982
MEAN	---	---	0	0	0.052	0.677	0.259	0.099	0.125	0.016	---	---	0.189	MEAN

LOCATION - LAT 64 19 10 N, LONG 96 01 50 W — DRAINAGE AREA, 18.9 km², NATURAL FLOW

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 06MA004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	3.43 ON JUN 24 *	0B ON JUN 1 *	---	1978
1979	---	2.67 ON MAY 29	0B ON MAY 1	2 540	1979
1980	---	2.33 ON JUN 14	0B ON MAY 1	2 580	1980
1981	---	2.59 ON JUN 10	0B ON MAY 1	---	1981
1982	---	2.97 ON JUN 17	0B ON MAY 1	3 930	1982
MEAN				3 020	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10TC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	15.7	16.4	3.55	0.014	---	---	---	---	1971
1972	---	---	---	---	---	---	20.4	3.05	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	5.76	---	---	---	---	---	1973
1974	---	---	---	---	---	---	24.5	4.00	---	---	---	---	---	1974
1975	---	---	---	---	---	---	5.20	---	---	---	---	---	---	1975
1977	0	0	0	0	0	6.99	19.9	1.77	0.029	0	0	0	4.80	1977
1978	0	0	0	0	0	0	27.4	2.76	0.047	0	0	0	5.09	1978
1979	0	0	0	0	0	0	21.0	1.23	0.016	0	0	0	3.74	1979
1981	0	0	0	0	0	---	---	2.85	0.010	0	0	0	---	1981
1982	0	0	0	0	0	---	---	---	---	0	0	0	---	1982
MEAN	0	0	0	0	0	5.67	19.3	3.12	0.023	0	0	0	4.54	MEAN

LOCATION - LAT 74 50 20 N, LONG 95 03 30 W — DRAINAGE AREA, 448 km², NATURAL FLOW

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10TC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	105 A ON JUN 29 *	0E ON JUN 1 *	---	1971
1972	103 AT 22:00 EST ON JUL 17	64.6 ON JUL 18	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	108 AT 19:17 MST ON JUN 27	64.0 ON JUN 27	---	---	1975
1977	97.7 AT 20:00 MST ON JUL 6	56.4 ON JUL 6	0B ON MAY 1	76 200	1977
1978	123 AT 18:10 MST ON JUL 19	77.0 ON JUL 15	0B ON MAY 1	81 000	1978
1979	130 AT 18:00 MST ON JUL 15 *	61.6 ON JUL 15	0B ON MAY 1	59 400	1979
1981	---	---	0B ON MAY 1	---	1981
1982	---	---	0B ON MAY 1	---	1982
MEAN				72 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	244	141	66.6	---	1969
1970	---	---	---	---	---	---	232	221	294	136	72.0	48.5	---	1970
1971	32.3	21.9	20.2	---	---	---	281	287	494	283	147	94.3	---	1971
1972	53.8	25.5	27.6	24.2	47.1	---	---	228	235	108	66.9	49.2	---	1972
1973	36.0	23.4	14.9	26.7	---	716	241	237	242	158	77.6	60.6	---	1973
1974	44.9	29.9	15.6	11.9	376	385	198	107	88.8	43.4	26.3	24.0	113	1974
1975	22.3	17.7	12.8	---	---	434	170	67.1	49.8	32.4	24.3	17.5	---	1975
1976	11.6	10.5	10.1	9.54	228	---	---	145	126	68.0	25.2	18.6	---	1976
1977	10.3	11.2	9.27	8.19	---	---	460	170	114	79.1	49.2	26.9	---	1977
1978	17.8	13.4	10.8	9.74	32.3	571	362	130	72.4	50.6	27.1	18.0	110	1978
1979	13.9	9.55	4.72	4.65	279	298	142	62.7	146	77.8	38.5	24.2	92.2	1979
1980	17.0	12.1	9.43	12.5	833	1 000	320	154	113	36.6	20.1	19.8	213	1980
1981	20.9	15.1	9.03	12.5	302	388	188	159	200	207	112	69.3	141	1981
1982	46.0	31.4	21.5	13.7	1 290	1 010	249	134	90.8	45.2	29.1	21.3	258	1982
MEAN	27.6	19.3	13.8	13.4	423	600	268	162	174	112	61.2	39.9	155	MEAN

LOCATION - LAT 68 38 00 N DRAINAGE AREA, 57 200 km²
LONG 128 24 30 W NATURAL FLOW

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	---	---	---	---	1969
1970	---	513 ON JUN 8	---	---	1970
1971	---	---	---	---	1971
1972	---	---	21.0 B ON APR 10	---	1972
1973	---	---	---	---	1973
1974	---	1 210A ON MAY 21	10.7 B ON APR 5	3 570 000	1974
1975	---	---	11.7 B ON APR 2	---	1975
1976	---	793B ON MAY 24	9.17B ON MAY 4	---	1976
1977	---	---	---	---	1977
1978	878 AT 17:20 MST ON JUN 10	799 ON JUN 10	9.34B ON APR 15	3 460 000	1978
1979	---	759B ON MAY 20	4.22B ON MAR 19 *	2 910 000	1979
1980	---	2 300B ON MAY 27 *	9.00B ON MAR 26	6 730 000	1980
1981	994 AT 08:25 MST ON MAY 23 *	911 ON MAY 23	8.50B ON MAR 15	4 440 000	1981
1982	---	2 240B ON MAY 20	11.6 B ON APR 15	8 140 000	1982
MEAN				4 880 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

APEX RIVER AT APEX - STATION NO. 10TE002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	3.84	2.66	0.913	1.44	---	---	---	2.20	1973
1974	---	---	---	---	---	---	0.379	1.05	---	---	---	---	---	1974
1975	---	---	---	---	---	---	1.48	1.03	0.806	---	---	---	---	1975
1976	---	---	---	---	---	---	2.44	0.895	0.470	---	---	---	---	1976
1977	---	---	---	---	---	---	1.62	0.612	0.437	---	---	---	---	1977
1978	---	---	---	---	---	---	4.93	1.63	---	---	---	---	---	1978
1979	---	---	---	---	---	---	2.24	1.13	1.42	---	---	---	---	1979
1980	---	---	---	---	---	---	0.896	0.340	0.570	---	---	---	---	1980
1981	---	---	---	---	---	---	0.901	0.325	---	---	---	---	---	1981
1982	---	---	---	---	---	2.22	1.06	0.567	0.673	0.021	---	---	1.13	1982
MEAN	---	---	---	---	---	3.03	1.86	0.849	0.831	0.021	---	---	1.67	MEAN

LOCATION - LAT 63 44 00 N DRAINAGE AREA, 59.6 km²
LONG 68 27 10 W NATURAL FLOW

APEX RIVER AT APEX - STATION NO. 10TE002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	11.9 AT 22:08 AST ON JUN 28 *	9.40 ON JUN 28 *	0.142B ON JUN 1	23 200	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	---	---	---	---	1980
1981	5.32 AT 23:59 EST ON JUN 25	---	---	---	1981
1982	5.08 AT 03:41 EST ON JUN 24	4.48 ON JUN 24	0.010B ON JUN 1 *	11 900	1982
MEAN				17 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	77.0	46.0	24.4	16.4	---	1968
1969	12.3	9.65	8.36	9.72	---	238	225	577	308	72.6	33.0	19.6	---	1969
1970	13.2	11.1	11.2	12.9	117	470	---	---	---	103	35.3	16.6	---	1970
1971	13.0	12.0	11.5	11.4	---	---	292	537	280	82.9	34.3	19.7	---	1971
1972	12.1	8.95	8.95	19.0	163	706	263	269	200	58.7	22.0	19.2	146	1972
1973	16.4	12.4	---	---	---	489	292	488	222	69.5	13.3	9.32	---	1973
1974	8.31	7.82	7.53	9.00	18.8	---	---	970	216	56.5	21.7	21.1	---	1974
1975	20.4	18.9	17.2	15.4	761	623	325	---	259	84.7	13.2	8.04	---	1975
1976	7.75	7.85	8.65	11.8	493	524	249	320	154	83.9	30.7	15.1	159	1976
1977	14.0	12.7	12.0	12.3	385	345	218	107	53.5	42.4	19.2	14.0	104	1977
1978	12.1	10.5	8.64	9.06	85.9	797	388	227	139	66.6	24.3	15.9	149	1978
1979	12.5	11.4	11.2	11.8	445	372	442	301	230	136	25.8	15.4	169	1979
1980	13.4	12.3	10.8	15.3	491	358	190	---	172	72.7	22.3	15.8	---	1980
1981	13.5	11.8	10.8	11.5	124	492	577	295	146	84.4	19.3	11.8	151	1981
1982	10.2	8.71	8.49	12.7	269	794	391	282	125	56.8	28.5	20.5	168	1982
MEAN	12.8	11.1	10.4	12.5	305	517	321	398	184	74.4	24.5	15.9	149	MEAN

LOCATION - LAT 66 47 10 N DRAINAGE AREA, 18 800 km²
LONG 133 06 00 W NATURAL FLOW

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	900 AT 21:00 MST ON AUG 22	875 ON AUG 23	8.01B ON MAR 28	---	1969
1970	7 650 ON JUL 22 *	---	---	---	1970
1971	---	1 120 ON AUG 12	11.2 B ON APR 17	---	1971
1972	---	1 380 ON JUN 5	8.50B ON MAR 2	4 600 000	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	1 530 AT 21:00 MST ON MAY 28	1 480 ON MAY 28	7.36B ON DEC 28	---	1975
1976	---	1 200 ON JUN 1	7.05B ON JAN 16 *	5 040 000	1976
1977	---	680B ON MAY 17	11.6 B ON APR 16	3 270 000	1977
1978	1 350 AT 12:20 MST ON JUN 3	1 330 ON JUN 3	8.61B ON MAR 2	4 690 000	1978
1979	1 150 AT 19:00 MST ON MAY 18	1 140 ON MAY 18	11.2 B ON MAR 11	5 330 000	1979
1980	1 310 AT 17:00 MST ON MAY 26	1 300 ON MAY 26	9.20B ON APR 5	---	1980
1981	1 160 AT 12:35 MST ON JUL 2	1 120 ON JUL 2	10.6 B ON MAR 22	4 760 000	1981
1982	---	1 610 ON JUN 4 *	8.30B ON FEB 25	5 290 000	1982
MEAN				4 710 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	9.63	6.62	4.80	3.88	3.31	92.7	426	185	87.0	33.7	6.56	2.20	72.6	1978
1979	0.301	0	0.008	0.840	3.57	337	384	151	90.9	46.1	9.68	1.43	85.8	1979
1980	0.108	0	0	0.119	92.0	213	106	85.3	109	48.2	11.6	2.41	55.6	1980
1981	0.044	0	0	0.006	51.7	412	313	150	128	90.4	36.8	9.14	99.5	1981
1982	2.54	0.717	0.238	0.311	0.886	131	246	148	154	58.2	18.7	6.15	64.3	1982
MEAN	2.52	1.47	1.01	1.03	30.3	237	295	144	114	55.3	16.7	4.27	75.6	MEAN

LOCATION - LAT 65 11 10 N DRAINAGE AREA, 24 100 km²
LONG 106 04 30 W NATURAL FLOW

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	620E ON JUL 2	0.963B ON DEC 31	2 290 000	1978
1979	---	824A ON JUN 25 *	0 B ON JAN 21 *	2 710 000	1979
1980	---	313A ON MAY 31	0 B ON JAN 16	1 760 000	1980
1981	565 AT 23:20 MST ON JUN 6 *	560 ON JUN 7	0 B ON JAN 11	3 140 000	1981
1982	---	326E ON JUL 2	0.210B ON MAR 15	2 030 000	1982
MEAN				2 390 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

BACK RIVER BELOW DEEP ROSE LAKE - STATION NO. 10RC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	1 510	678	308	183	75.6	---	1962
1963	46.5	32.0	23.3	19.3	---	---	---	1 070	667	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	277	164	80.7	---	1964
1965	46.0	35.5	32.9	32.0	20.8	479	2 960	889	467	281	152	99.3	463	1965
1966	70.7	62.7	55.9	35.9	36.4	1 240	2 040	772	1 400	937	341	124	595	1966
1967	67.7	40.0	33.9	31.5	20.7	241	2 570	1 180	788	557	363	187	512	1967
1968	95.0	69.4	58.4	52.9	50.1	429	2 650	857	850	947	398	227	561	1968
1969	123	97.0	65.6	38.4	22.3	45.1	2 750	1 490	908	407	196	98.3	526	1969
1970	62.4	52.5	43.8	35.3	26.6	1 220	1 360	739	1 790	987	307	152	565	1970
1971	102	67.4	53.3	42.2	32.1	273	1 660	699	346	251	192	133	324	1971
1972	72.9	45.3	46.1	43.5	29.6	25.3	1 200	916	479	275	135	69.0	281	1972
1973	41.9	36.0	22.9	24.3	53.4	1 770	1 000	615	1 290	692	312	161	502	1973
1974	77.8	66.4	55.2	43.5	39.4	1 370	1 560	983	519	222	116	59.4	428	1974
1975	32.9	31.6	30.9	34.1	127	3 120	1 670	542	391	258	144	55.1	537	1975
1976	44.6	27.6	22.6	26.2	31.5	1 770	2 500	797	337	168	70.4	40.2	488	1976
1977	30.7	27.5	26.7	26.3	26.5	1 240	2 070	791	600	439	134	56.1	458	1977
1978	47.9	38.3	36.4	34.7	33.6	47.7	2 640	1 230	493	235	109	60.6	423	1978
1979	44.8	39.4	34.6	29.8	29.0	654	2 380	727	445R	215R	96.2R	52.6R	400R	1979
1980	43.3	36.9	31.4	26.7	23.1	1 170	1 160	592	639R	320R	119 R	54.2R	351R	1980
1981	41.4	37.7	34.4	31.2	28.2	966	1 560	753	454	327	151	67.3	374	1981
1982	28.6	13.8	12.4	19.7	42.0	799	2 380	816	686	480	143	78.2	462	1982
MEAN	59.0	45.1	37.9	33.0	37.4	937	2 010	898	711R	429R	189 R	96.5R	458	MEAN

LOCATION - LAT 66 05 00 N DRAINAGE AREA, 98 200 km³
LONG 96 30 00 W NATURAL FLOW

R - REVISED SINCE JAN 1980

BACK RIVER BELOW DEEP ROSE LAKE - STATION NO. 10RC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	4 050E ON JUL 10	10.6 ON MAY 6	14 600 000	1965
1966	---	3 820E ON JUL 1	20.7 B ON APR 28	18 800 000	1966
1967	---	3 990E ON JUL 7	2.89 ON JUN 8 *	16 200 000	1967
1968	---	4 670E ON JUL 5	49.0 B ON MAY 9	17 700 000	1968
1969	5 210 AT 21:00 CST ON JUL 12 *	5 150 ON JUL 12 *	18.4 B ON JUN 13	16 600 000	1969
1970	---	3 060B ON JUN 23	23.7 B ON MAY 26	17 800 000	1970
1971	---	2 380E ON JUL 4	28.6 B ON MAY 31	10 200 000	1971
1972	---	2 310 ON JUL 21	24.9 B ON JUN 13	8 870 000	1972
1973	2 920 AT 16:24 CST ON JUN 12	2 830 ON JUN 19	18.7 B ON MAR 22	15 800 000	1973
1974	---	2 920 ON JUN 26	33.4 B ON MAY 12	13 500 000	1974
1975	---	4 250E ON JUN 14	30.3 B ON MAR 18	16 900 000	1975
1976	---	4 220E ON JUN 21	20.5 B ON MAR 13	15 400 000	1976
1977	---	3 850B ON JUN 25	25.5 B ON APR 25	14 500 000	1977
1978	---	4 280B ON JUL 12	33.1 B ON MAY 20	13 400 000	1978
1979	3 680 AT 14:16 CST ON JUL 5	3 630 ON JUL 5	25.7 B ON MAY 11	12 600 000R	1979
1980	2 690 AT 16:51 CST ON JUN 19	2 680 ON JUN 19	---	11 100 000R	1980
1981	3 050 AT 01:15 CST ON JUN 25	2 980 ON JUN 25	27.4 B ON MAY 23	11 800 000	1981
1982	4 500 AT 00:58 CST ON JUL 1	4 440 ON JUL 1	12.2 B ON FEB 22	14 600 000	1982
MEAN				14 500 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES P'R SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	15.0 R	5.66R	1.44 R	---	1978
1979	0.071	0	0	0	---	---	---	41.6	26.8	13.4	5.17	1.36	---	1979
1980	0.134	0	0	0	12.1	102	45.7	21.8	49.9	8.33	1.51	0.140	20.1	1980
1981	0.001	0	0	0.004	141	263	121	41.5	34.8	25.6	5.05	0.371	52.9	1981
1982	0	0	0	0	0.590	170	108	60.3	121	45.4	11.5	5.15	43.5	1982
MEAN	0.052	0	0	0.001	51.2	178	91.6	41.3	58.1	21.5 R	5.78R	1.69 R	38.8	MEAN

LOCATION - LAT 65 02 30 N
LONG 104 31 30 W NATURAL FLOW

R - REVISED SINCE JAN 1980

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	---	196E ON JUN 5	0B ON JAN 20 *	634 000	1980
1981	---	899B ON MAY 28 *	0B ON JAN 5	1 670 000	1981
1982	---	292E ON JUN 23	0B ON JAN 1	1 370 000	1982
MEAN				1 220 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAKER CREEK MAIN STEM NEAR YELLOWKNIFE - STATION NO. 07SB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	1.03	0.352	0.079	0.059	0.048	---	---	---	1968
1969	---	---	---	---	0.686	0.591	0.171	0.091	0.398	0.437	---	---	---	1969
1970	---	---	---	---	---	0.648	0.286	0.168	---	---	---	---	---	1970
1971	---	---	---	---	---	0.532	0.128	0.014	0.003	---	---	---	---	1971
1972	0	0	0	0	0.318	0.485	0.179	0.038	0.011	0.009	0.006	0.001	0.087	1972
1973	0	0	0	0.002	0.651	0.498	0.146	0.037	0.021	0.024	---	---	---	1973
1974	0	0	0	0.002	0.414	0.707	0.640	0.457	0.422	0.469	0.376	0.191	0.308	1974
1975	0.168	0.095	0.011	0.211	2.67	0.659	0.189	0.021	0.010	0.010	0.012	0.007	0.335	1975
1976	0.001	0	0.008	0.222	1.03	0.587	0.174	0.027	0.033	0.022	0.006	0	0.176	1976
1977	0	0	0	0.041	0.308	0.265	0.063	0.002	0.001	0.007	0	0	0.058	1977
1978	0	0	0	0.009	0.568	0.422	0.192	0.058	0.016	0.022	0.028	0.014	0.112	1978
1979	0	0	0	0.001	0.234	0.919	0.224	0.045	0.024	0.032	0.039	0.030	0.129	1979
1980	0.021	0.011	0.003	0.071	0.419	0.850	0.278	0.041	0.012	0.010	0.005	0.002	0.143	1980
1981	0	0	0	0.004	0.181	0.154	0.074	0.009	0.006	0.012	0.001	0.001	0.037	1981
1982	0	0	0	0.010	0.188	0.873	0.176	0.006	0.012	0.002	0	0	0.105	1982
MEAN	0.017	0.010	0.002	0.052	0.639	0.615	0.213	0.073	0.073	0.085	0.047	0.025	0.149	MEAN

LOCATION - LAT 62 30 35 N DRAINAGE AREA, 144 km²
LONG 114 21 49 W NATURAL FLOW

BAKER CREEK MAIN STEM NEAR YELLOWKNIFE - STATION NO. 07SB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1968	---	1.38 ON JUN 3	---	---	1968
1969	---	0.813 ON MAY 26	---	---	1969
1970	---	0.898 ON MAY 30	---	---	1970
1971	---	---	---	---	1971
1972	0.648 ON JUN 4	0.648 ON JUN 4	0B ON JAN 1 *	2 770	1972
1973	---	0.968 ON MAY 21	0B ON JAN 1	---	1973
1974	---	1.04 ON MAY 31	0B ON JAN 1	9 710	1974
1975	4.19 AT 20:00 MST ON MAY 11 *	4.16 ON MAY 11 *	0B ON MAR 19	10 600	1975
1976	---	1.26 ON MAY 14	0B ON JAN 11	5 570	1976
1977	---	0.382 ON MAY 27	0B ON JAN 1	1 820	1977
1978	0.883 AT 02:45 MST ON MAY 18	0.784 ON MAY 18	0B ON JAN 1	3 510	1978
1979	1.30 AT 15:16 MST ON JUN 3	1.28 ON JUN 3	0B ON JAN 1	4 060	1979
1980	1.00 AT 13:20 MST ON JUN 6	0.988 ON JUN 5	0B ON MAR 31	4 530	1980
1981	---	0.260B ON MAY 16	0B ON JAN 1	1 170	1981
1982	1.15 AT 16:15 MST ON JUN 8	1.14 ON JUN 9	0B ON JAN 14	3 310	1982
MEAN				4 710	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAULIEU RIVER NEAR GREAT SLAVE LAKE - STATION NO. 07SC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	24.9	---	---	---	---	---	1937
MEAN	---	---	---	---	---	---	---	24.9	---	---	---	---	---	MEAN

LOCATION - LAT 62 03 00 N DRAINAGE AREA, 2 850 km²
LONG 113 11 30 W NATURAL FLOW

BIG RIVER ABOVE EGG RIVER - STATION NO. 10TB001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	5.44	1.35	0.582	0.023	0	0	---	1975
1976	0	0	0	0	0.831	56.8	17.4	1.46	0	0	0	0	18.8	1976
1977	0	0	0	0	0	74.4	9.80	1.31	0.424	0	0	0	21.2	1977
1978	0	0	0	0	0	---	---	1.94	0.340	0	0	0	---	1978
1979	0	0	0	0	0	4.90	40.1	2.84	0.376	0	0	0	12.2	1979
1980	0	0	0	0	0	40.4	27.6	2.97	1.36	0	0	0	18.0	1980
1981	0	0	0	0	0	43.1	13.5	8.64	18.6	4.37	0.016	0	20.8	1981
MEAN	0	0	0	0	0.139	43.9	19.0	2.93	3.10	0.628	0.002	0	18.2	MEAN

LOCATION - LAT 72 28 40 N DRAINAGE AREA, 3 650 km²
LONG 123 24 30 W NATURAL FLOW

BIG RIVER ABOVE EGG RIVER - STATION NO. 10TB001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	0.207B ON SEP 30	---	1975
1976	---	123 ON JUN 15	0 B ON AUG 25 *	198 000	1976
1977	258A AT 16:30 MST ON JUN 6 *	252 A ON JUN 6 *	0 B ON JUN 1	224 000	1977
1978	---	---	0 B ON JUN 1	---	1978
1979	---	91.5B ON JUL 3	0 B ON JUN 1	128 000	1979
1980	---	141 A ON JUN 24	0 B ON JUN 1	190 000	1980
1981	---	136 E ON JUN 19	0 B ON JUN 1	219 000	1981
MEAN				192 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG SMITH CREEK NEAR MACKENZIE HIGHWAY - STATION NO. 10HC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	0.190	0.111	---	---	---	---	---	6.69	3.42	1.03	0.464	---	1973
1974	0.272	0.222	0.209	0.286	48.5	14.4	7.55	21.1	6.41	3.14	1.27	0.590	8.77	1974
1975	0.317	0.207	0.153	---	---	7.63	1.47	---	---	---	---	0.426	---	1975
1976	0.272	0.220	0.185	0.870	33.7	6.90	---	---	0.587	0.625	---	---	---	1976
1977	---	---	---	---	---	5.50	7.48	0.790	0.473	0.519	0.405	0.211	---	1977
1978	0.022	0.004	0	0.078	13.2	21.1	4.76	1.99	1.65	1.51	0.754	0.433	3.79	1978
1979	0.313	0.115	0.028	0.066	32.1	6.29	1.78	0.772	1.27	2.67	0.751	0.461	3.93	1979
1980	0.330	0.263	0.179	0.314	25.6	5.25	1.81	6.65	8.37	2.82	0.966	0.416	4.44	1980
1981	---	---	---	---	---	2.99	4.07	1.24	0.926	4.35	1.20	0.463	---	1981
1982	0.084	0	0	0.070	37.5	29.2	4.22	18.5	3.87	3.53	1.99	0.700	8.36	1982
MEAN	0.230	0.153	0.108	0.281	31.8	11.0	4.14	7.29	3.36	2.51	1.05	0.463	5.86	MEAN

LOCATION - LAT 64 36 17 N DRAINAGE AREA, 938 km^2
LONG 124 47 49 W NATURAL FLOW

BIG SMITH CREEK NEAR MACKENZIE HIGHWAY - STATION NO. 10HC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	266 E ON MAY 18 *	0.187B ON MAR 7	277 000	1974
1975	---	---	0.153B ON FEB 28	---	1975
1976	---	104 ON MAY 8	---	---	1976
1977	---	---	---	---	1977
1978	59.5 AT 08:50 MST ON JUN 10	57.5 ON JUN 10	0 B ON MAR 7 *	120 000	1978
1979	95.6 AT 09:00 MST ON MAY 19	95.4 ON MAY 18	0.010B ON APR 4	124 000	1979
1980	62.4 AT 07:00 MST ON MAY 12	61.1 ON MAY 12	0.120B ON APR 13	141 000	1980
1981	---	---	---	---	1981
1982	149 AT 02:20 MST ON MAY 24 *	143 ON MAY 24	0 B ON JAN 22	263 000	1982
MEAN				185 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIRCH RIVER AT FORT LIARD HIGHWAY - STATION NO. 10ED003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	0.197	0.073	---	1974
1975	0.045	0.020	0.003	5.68	7.45	1.43	0.287	11.4	4.80	3.50	0.319	0.102	2.94	1975
1976	0.076	0.054	0.029	8.92	11.8	---	---	---	6.22	1.30	0.322	0.028	---	1976
1977	0	0	0	1.20	12.6	6.58	2.32	0.507	0.526	0.897	0.323	0.068	2.10	1977
1978	0.027	0.006	0.006	0.762	9.00	1.76	1.61	0.463	0.243	0.383	0.146	0.050	1.22	1978
1979	0.023	0.013	0.011	0.263	23.6	4.21	1.09	0.587	1.05	1.38	0.093	0.001	2.73	1979
1980	0.001	0.001	0.001	1.72	1.15	0.128	0.571	0.102	0.737	0.902	0.107	0.003	0.451	1980
1981	0.002	0.002	0.002	0.011	14.3	0.546	0.061	0.013	0.839	2.06	0.547	0.164	1.57	1981
1982	0.043	0.017	0.004	0.817	22.7	2.13	0.222	3.29	1.51	2.28	0.566	0.234	2.86	1982
MEAN	0.027	0.014	0.007	2.42	12.8	2.40	0.880	2.34	1.99	1.59	0.291	0.080	1.98	MEAN

LOCATION - LAT 61 20 10 N DRAINAGE AREA, 505 km^2
LONG 122 05 20 W NATURAL FLOW

BIRCH RIVER AT FORT LIARD HIGHWAY - STATION NO. 10ED003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	25.0 AT 12:30 MST ON AUG 8	24.6 ON AUG 8	0 B ON MAR 18 *	92 500	1975
1976	64.8B AT 10:20 MST ON APR 29	60.6 B ON APR 29	0 B ON DEC 19	---	1976
1977	43.9 AT 10:50 MST ON MAY 14	42.5 ON MAY 14	0 B ON JAN 1	66 100	1977
1978	---	19.8 B ON MAY 3	0.006B ON FEB 4	38 500	1978
1979	87.8 AT 13:20 MST ON MAY 20 *	81.3 ON MAY 20 *	0.001B ON DEC 1	86 000	1979
1980	---	5.86B ON APR 22	0 B ON MAR 6	14 300	1980
1981	---	60.0 B ON MAY 5	0.001 ON AUG 24	49 500	1981
1982	47.4 AT 07:53 MST ON MAY 17	47.1 ON MAY 17	0 B ON MAR 26	90 200	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		62 400	MEAN

BLACK LABEL CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	0.234R	0.048R	0 R	0R	---	1979
1980	0	0	0	0	3.47	10.4	0.538	0.975	1.06	0.134	0.008	0	2.74	1980
1981	---	---	---	---	---	---	---	---	2.39	1.08	0.009	0	---	1981
1982	0	0	0	0	0.230	18.6	1.26	1.48	0.893	0.116	0	0	3.70	1982
MEAN	0	0	0	0	1.85	14.5	0.899	1.23	1.14 R	0.345R	0.004R	0R	3.22	MEAN

LOCATION - LAT 67 12 45 N
LONG 116 36 27 W NATURAL FLOW

R - REVISED SINCE JAN 1980

BLACK LABEL CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	52.9 AT 22:50 MST ON JUN 8 *	39.4 ON JUN 8	0B ON MAY 1 *	43 500	1980
1981	---	---	---	---	1981
1982	---	48.0B ON JUN 13 *	0B ON MAY 1	58 800	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		51 200	MEAN

BOOT CREEK NEAR INUVIK - STATION NO. 10LC010

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0	0	0	0	1.17	0.247	0.173	0.110	0.058	0.034	0.001	0	0.300	1981
1982	0	0	0	0	0.168	1.02	0.038	0.002	0	0	0	0	0.201	1982
MEAN	0	0	0	0	0.669	0.634	0.106	0.056	0.029	0.017	0.001	0	0.251	MEAN

LOCATION - LAT 68 21 23 N
LONG 133 40 15 W NATURAL FLOW

BOOT CREEK NEAR INUVIK - STATION NO. 10LC010

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	4.59B ON MAY 21 *	0B ON MAY 1 *	4 760	1981
1982	---	2.52B ON JUN 3	0B ON MAY 1	3 190	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 980	MEAN

BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	1.06	2.53	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	0.242	0.306	---	---	---	---	1975
1976	---	---	---	---	2.39	0.574	0.240	0.193	0.236	---	---	---	---	1976
1977	0	0	0	0.256	2.26	0.353	0.338	0.142	0.118	0.134	0.064	0.009	0.309	1977
1978	---	---	---	---	1.09	1.36	0.474	0.413	0.298	0.200	---	---	---	1978
1979	---	---	---	---	3.01	0.594	0.430	0.243	0.268	---	---	---	---	1979
1980	---	---	---	---	3.00	0.833	0.333	0.645	0.423	0.359	---	---	---	1980
1981	---	---	---	---	---	1.01	0.787	0.438	0.271	0.400	0.189	0.024	---	1981
1982	0.425	0.234	0.100	0.075	4.19	1.44	0.585	1.03	0.667	0.561	0.444	0.398	0.853	1982
MEAN	0.213	0.117	0.050	0.166	2.66	0.881	0.531	0.653	0.323	0.331	0.232	0.144	0.581	MEAN

LOCATION - LAT 65 19 41 N DRAINAGE AREA, 123 km²
LONG 126 52 12 W NATURAL FLOW

BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 B ON FEB 26 *	---	1974
1975	---	---	---	---	1975
1976	---	4.53B ON MAY 7	---	---	1976
1977	---	7.31B ON MAY 6	0 B ON JAN 1	9 760	1977
1978	---	4.13B ON MAY 19	---	---	1978
1979	---	---	---	---	1979
1980	---	9.10B ON MAY 13	---	---	1980
1981	---	---	---	---	1981
1982	---	10.8 ON MAY 29 *	0.047B ON APR 11	26 900	1982
				18 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	65.0	26.0	5.[illegible]5	---	1968
1969	0.455	0.048	0.037	6.24	149	127	63.6	---	---	---	2.62	0.045	---	1969
1970	0	0	0	1.54	112	124	58.8	20.2	17.0	17.3	8.62	0.236	30.1	1970
1971	0	0	0	6.40	103	---	---	---	5.73	7.69	0.498	0.027	---	1971
1972	0	0	0	1.25	104	101	65.5	40.3	21.2	13.6	4.78	0.489	29.5	1972
1973	0.261	0.133	0.052	0.823	94.4	95.3	120	156	173	102	33.3	20.2	66.7	1973
1974	7.03	0.274	0	12.3	207	186	131	91.5	68.9	41.4	24.0	47.0	68.6	1974
1975	4.66	0.255	0.031	5.10	132	175	146	87.0	169	137	56.8	36.2	79.5	1975
1976	18.7	3.37	0.323	42.8	180	179	147	93.9	78.5	50.5	11.8	2.21	67.5	1976
1977	0.612	0.081	0.003	7.24	102	107	104	122	86.9	68.0	21.7	7.46	52.7	1977
1978	0.240	0.044	0.004	1.63	80.8	83.[illegible]	69.1	63.0	62.9	86.9	33.3	40.0	43.8	1978
1979	10.8	0.616	0.002	0.052	88.5	241	126	65.0	44.8	38.3	9.83	3.27	52.6	1979
1980	0.045	0	0	11.7	41.9	---	---	---	13.5	17.3	8.37	0.515	---	1980
1981	0	0	0	0.976	66.7	56.6	36.3	21.1	11.6	7.79	0.329	0.086	16.9	1981
1982	0.007	0	0	0.833	95.6	110	51.4	26.3	21.7	17.0	1.46	0.051	27.2	1982
MEAN	3.06	0.344	0.032	7.03	111	132	93.2	71.5	59.6	47.8	16.2	10.9	48.6	MEAN

LOCATION - LAT 60 42 45 N DRAINAGE AREA, 17 800 km²
LONG 114 55 00 W NATURAL FLOW

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	214 ON MAY 16	0 B ON DEC 10 *	---	1969
1970	198 AT 13:30 MST ON JUN 5	172 ON JUN 5	0 B ON JAN 1	949 000	1970
1971	---	---	0 B ON JAN 1	---	1971
1972	---	168 ON MAY 24	0 ON JAN 1	932 000	1972
1973	228 AT 19:00 ON SEP 9	205 ON SEP 9	0.028B ON MAR 20	2 100 000	1973
1974	278 AT 09:00 MST ON MAY 22 *	268 ON MAY 24	0 B ON MAR 1	2 160 000	1974
1975	211 AT 03:00 MST ON SEP 9	197 ON SEP 9	0 B ON MAR 17	2 510 000	1975
1976	243 AT 21:30 MST ON JUL 3	232 ON JUL 3	0.113B ON MAR 30	2 140 000	1976
1977	---	141 ON JUN 23	0 B ON MAR 12	1 660 000	1977
1978	110 AT 06:50 MST ON OCT 10	99.7 ON OCT 10	0 B ON [illegible]	1 380 000	1978
1979	---	278 ON JUN 8 *	0 B ON MAR 5	1 660 000	1979
1980	---	---	0 B ON JAN 12	---	1980
1981	---	82.1 ON MAY 15	0 B ON JAN [illegible]	534 000	1981
1982	---	163 ON MAY 28	0 B ON JAN 17	857 000	1982
				1 530 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	89.4R	53.2R	---	---	---	1976
1977	7.17R	4.31R	3.92R	4.76R	13.4R	172R	252R	163R	102 R	58.6R	31.8 R	17.5 R	69.7R	1977
1978	11.5	9.80	8.86	8.21	10.2	184	488	253	118	48.0	29.7	22.7	100	1978
1979	15.3	6.50	2.97	4.72	10.9	192	349	158	105	40.9	20.7	9.19	76.8	1979
1980	3.16	1.78	1.51	1.86	26.0	343	162	133	87.1	32.3	12.6	5.59	67.3	1980
1981	3.33	2.73	---	---	---	---	340	185	359	168	34.8	12.4	---	1981
1982	5.71	3.62	2.98	4.26	---	---	305	233	167	76.3	9.71	4.67	---	1982
MEAN	7.70R	4.79R	4.05R	4.76R	15.1R	223R	316R	188R	147 R	68.2R	23.2 R	12.0 R	78.5	MEAN

LOCATION - LAT 66 43 20 N DRAINAGE AREA, 18 800 km²
LONG 108 49 00 W NATURAL FLOW

R - REVISED SINCE JAN 1980

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	334RE ON JUN 28	3.85RB ON MAR 12	2 200 000R	1977
1978	---	580E ON JUL 2	8.07B ON APR 20	3 160 000	1978
1979	---	708E ON JUN 30 *	2.72B ON MAR 16	2 420 000	1979
1980	---	490E ON JUN 15	1.49B ON MAR 19 *	2 130 000	1980
1981	572 AT 13:10 MST ON JUL 11 *	558 ON JUL 11	---	---	1981
1982	---	---	2.88B ON MAR 31	---	1982
MEAN				2 480 000R	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED   R - REVISED SINCE JAN 1980

CABIN CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC009

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	0.726	0.192	0.214	0.312	0.023	0	0	---	1980
1981	0	0	0	0	3.96	1.01	1.27	0.854	0.671	0.454	0.067	0	1.04	1981
MEAN	0	0	0	0	3.96	0.868	0.731	0.534	0.492	0.239	0.034	0	1.04	MEAN

LOCATION - LAT 68 15 00 N
LONG 133 15 00 W NATURAL FLOW

CABIN CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC009

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	0B ON OCT 15 *	---	1980
1981	---	10.6 ON MAY 21 *	0B ON MAY 1	22 100	1981
MEAN				22 100	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	7.29	9.81	8.18	7.46	6.58	---	1975
1976	5.79	4.87	3.83	3.35	9.10	9.20	5.31	3.12	2.19	1.60	1.39	1.29	4.25	1976
1977	1.12	0.970	0.841	0.768	1.40	1.05	0.519	0.261	0.392	0.756	1.14	1.48	0.891	1977
1978	1.40	1.06	0.895	0.775	1.91	1.82	2.43	3.06	2.39	2.32	1.88	1.58	1.80	1978
1979	1.27	0.870	0.574	0.416	1.44	5.06	4.69	3.49	2.84	2.80	2.71	2.44	2.39	1979
1980	2.11	1.82	1.50	1.29	3.93	13.5	9.75	5.95	3.87	3.26	3.01	2.73	4.39	1980
1981	2.26	1.86	1.60	1.42	2.12	2.48	2.97	2.58	2.11	2.02	2.01	1.90	2.11	1981
1982	1.66	1.31	1.21	1.03	2.41	11.2	12.3	6.33	4.37	3.50	2.91	2.47	4.24	1982
MEAN	2.23	1.82	1.49	1.29	3.19	6.33	5.42	4.01	3.50	3.05	2.81	2.56	2.87	MEAN

LOCATION - LAT 62 29 22 N DRAINAGE AREA, 3 570 km²
LONG 113 31 12 W NATURAL FLOW

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	10.2 ON JUN 12	1.25 B ON DEC 30	134 000	1976
1977	---	1.66 ON MAY 30	0.198 ON AUG 31 *	28 100	1977
1978	3.45 AT 15:30 MST ON AUG 10	3.34 ON AUG 8	0.736B ON APR 28	56 800	1978
1979	6.09 AT 14:36 MST ON JUN 29 *	5.97 ON JUN 29	0.388B ON APR 24	75 400	1979
1980	---	15.1 ON JUN 10	0.966B ON APR 15	139 000	1980
1981	3.39 AT 11:43 MST ON JUL 12	3.25 ON JUL 12	1.35 B ON APR 12	66 700	1981
1982	---	15.8 ON JUL 2 *	0.887 ON APR 25	134 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		90 600	MEAN

CAMERON RIVER NEAR THE MOUTH - STATION NO. 07SB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	1.73	1.22	1.84	1.81	1.68	---	---	---	---	---	---	1939
MEAN	---	---	1.73	1.22	1.84	1.81	1.68	---	---	---	---	---	---	MEAN

LOCATION - LAT 62 34 30 N
LONG 114 08 36 W   NATURAL FLOW

CAMPBELL CREEK NEAR INUVIK - STATION NO. 10LC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	1.57	0.690	1.21	0.583	0.022	0	---	1973
1974	0	0	0	0	0.656	1.60	2.74	1.43	0.395	0.188	0	0	0.590	1974
MEAN	0	0	0	0	0.656	1.60	2.16	1.06	0.803	0.386	0.011	0	0.590	MEAN

LOCATION - LAT 68 16 04 N
LONG 133 15 47 W   NATURAL FLOW

CAMPBELL CREEK NEAR INUVIK - STATION NO. 10LC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	4.45 ON JUL 15 *	0B ON JAN 1 *	18 600	1974
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		18 600	MEAN

CANSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	---	---	---	---	---	---	---	42.6	---	1933
1934	47.2	32.2	31.5	45.5	65.9	118	131	147	134	124	106	---	---	1934
1964	---	---	---	---	84.0	---	---	---	148	133	121	112	---	1964
1965	96.8	82.4	72.5	64.2	62.2	85.6	101	93.1	82.5	75.6	75.9	77.4	80.8	1965
1966	72.3	65.6	58.3	48.8	46.0	85.0	94.3	89.0	83.0	72.8	66.8	62.3	70.4	1966
1967	61.8	58.4	53.5	49.4	47.2	66.3	88.0	101	105	107	107	107	79.3	1967
1968	106	99.2	91.7	85.7	77.0	96.5	114	104	94.5	87.6	82.3	76.2	92.9	1968
1969	69.9	66.7	64.1	58.2	65.1	75.6	82.5	95.3	105	106	107	107	83.6	1969
1970	101	95.9	88.8	79.5	74.5	87.5	97.9	96.6	101	107	112	110	96.0	1970
1971	108	100	94.5	87.6	102	161	179	163	142	125	113	103	123	1971
1972	93.9	85.0	75.7	67.9	64.9	101	130	128	118	107	101	94.4	97.4	1972
1973	87.5	81.4	76.0	71.0	84.5	110	111	108	104	94.1	85.6	81.6	91.2	1973
1974	76.8	71.5	67.2	63.1	70.8	88.4	102	105	105	103	106	104	88.6	1974
1975	99.5	90.7	79.4	69.3	99.8	153	163	141	124	108	97.4	88.3	110	1975
1976	78.9	70.7	62.6	61.0	63.8	72.2	72.8	62.5	56.1	52.3	48.6	46.8	62.3	1976
1977	44.9	42.9	41.1	39.5	51.0	84.1	93.0	87.4	84.5	78.1	74.7	71.2	66.2	1977
1978	65.8	60.1	56.1	52.5	53.2	66.1	71.6	71.4	66.3	61.3	60.2	57.5	61.9	1978
1979	55.3	52.2	48.9	46.4	50.5	78.8	89.6	85.8	79.2	73.9	71.1	69.6	66.9	1979
1980	67.0	61.4	54.3	49.7	77.0	123	133	124	112	107	101	97.6	92.4	1980
1981	93.4	84.0	74.7	66.4	67.2	87.5	104	103	95.6	99.4	105	104	90.4	1981
1982	97.1	90.1	82.2	73.6	72.7	109	124	119	112	104	101	96.0	98.5	1982
MEAN	80.2	73.2	67.0	62.1	69.0	97.3	110	107	103	96.3	92.1	85.4	86.2	MEAN

LOCATION - LAT 65 35 45 N   DRAINAGE AREA, 30 900 km^2
LONG 117 45 20 W   NATURAL FLOW

CAMSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1933	---	---	---	---	1933
1934	---	155 ON AUG 24	22.7B ON FEB 28 *	---	1934
1964	---	---	75.9 ON MAY 17	---	1964
1965	---	104 ON JAN 1	58.6 ON MAY 3	2 550 000	1965
1966	---	98.8 ON JUL 3	36.2B ON MAY 12	2 220 000	1966
1967	---	108 ON OCT 30	45.0 ON MAY 10	2 500 000	1967
1968	---	116 ON JUL 12	71.4 ON MAY 14	2 940 000	1968
1969	---	108 ON SEP 17	54.9 ON APR 28	2 640 000	1969
1970	---	113 ON NOV 28	71.9 ON MAY 10	3 030 000	1970
1971	---	182 ON JUL 23 *	83.8 ON MAY 8	3 890 000	1971
1972	134 ON JUL 10	134 ON JUL 6	61.4 ON MAY 16	3 080 000	1972
1973	114 AT 14:15 ON JUN 23	114 ON JUN 23	68.2 ON MAY 4	2 880 000	1973
1974	---	107 ON AUG 13	62.3E ON APR 27	2 800 000	1974
1975	---	171 ON JUL 1	66.3A ON APR 19	3 460 000	1975
1976	---	83.3E ON JAN 1	45.9E ON DEC 29	1 970 000	1976
1977	---	94.0E ON JUL 6	38.5 ON MAY 5	2 090 000	1977
1978	74.5 AT 13:10 MST ON JUL 9	73.9 ON JUL 9	49.8 ON MAY 17	1 950 000	1978
1979	93.5 AT 15:25 MST ON JUL 5	92.1 ON JUL 6	43.8 ON MAY 5	2 110 000	1979
1980	136 AT 03:25 MST ON JUL 9 *	135 ON JUL 8	48.6 ON APR 15	2 920 000	1980
1981	---	107 ON JUL 19	62.4 ON MAY 3	2 850 000	1981
1982	---	126 ON JUL 2	65.4 ON MAY 18	3 110 000	1982
				2 720 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	95.4	58.8	---	---	---	---	1976
1977	10.5	9.77	9.06	---	---	---	---	---	---	---	14.1	10.0	---	1977
1978	7.93	6.42	5.80	6.07	87.1	295	148	172	62.6	21.6	18.3	14.2	70.6	1978
1979	10.3	5.81	4.84	8.14	202	131	243	128	102	60.3	27.5	17.0	79.0	1979
1980	8.53	6.77	7.06	9.92	122	105	110	295	74.4	28.2	17.2	12.4	66.8	1980
1981	---	---	---	---	---	90.6	152	104	38.7	31.9	18.6	12.9	---	1981
1982	8.11	6.10	5.18	7.92	230	329	133	196	86.7	41.8	23.6	15.5	90.7	1982
MEAN	9.07	6.97	6.39	8.01	160	190	157	165	70.5	36.8	19.9	13.7	76.8	MEAN

LOCATION - LAT 65 17 49 N LONG 127 41 05 W
DRAINAGE AREA, 6 860 km^2
NATURAL FLOW

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	852 AT 04:10 MST ON JUN 9	674 ON JUN 9	5.72B ON MAR 25	2 230 000	1978
1979	959 AT 17:20 MST ON JUL 4	730 ON JUL 4	4.78B ON MAR 8 *	2 490 000	1979
1980	1 360 AT 02:15 MST ON AUG 16 *	994 ON AUG 16 *	6.40B ON FEB 26	2 110 000	1980
1981	558 AT 00:22 MST ON JUN 25	447 ON JUN 25	---	---	1981
1982	890 AT 02:22 MST ON MAY 30	741 ON MAY 30	5.01B ON MAR 17	2 860 000	1982
				2 420 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARIBOU CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	0	0	0	0	11.0	8.00	2.53	1.14	0.696	0.465	0.327	0.025	2.03	1975
1976	0	0	0	0	2.25	4.10	1.53	2.63	1.76	0.977	0.615	0.514	1.20	1976
1977	0.367	0.052	0	0.033	17.1	7.80	5.13	1.73	2.12	1.46	0.577	0.176	3.07	1977
1978	0.075	0.005	0	0	0.283	9.19	4.80	2.04	1.61	1.30	0.808	0.246	1.70	1978
1979	0	0	0	0.014	3.76	3.42	1.73	0.910	1.78	0.745	0.696	0.384	1.13	1979
1980	0	0	0	0	11.7	9.80	2.17	1.28	1.25	0.837	0.555	0.223	2.32	1980
1981	0	0	0	0	4.04	3.56	4.50	2.89	2.31	1.59	0.865	0.355	1.69	1981
1982	0	0	0	0	3.28	15.3	3.17	1.79	1.41	0.875	0.703	0.298	2.23	1982
MEAN	0.055	0.007	0	0.006	6.68	7.65	3.20	1.80	1.62	1.03	0.643	0.278	1.92	MEAN

LOCATION - LAT 68 04 15 N LONG 133 28 30 W
DRAINAGE AREA, 663 km^2
NATURAL FLOW

CARIBOU CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	68.2 AT 01:00 MST ON MAY 26 *	59.5 ON MAY 26	0B ON JAN 1 *	64 000	1975
1976	---	11.8 B ON JUN 2	0B ON JAN 1	37 900	1976
1977	---	51.0 B ON MAY 20	0B ON FEB 20	96 900	1977
1978	---	17.0 B ON JUN 8	0B ON FEB 10	53 500	1978
1979	14.1 AT 00:30 MST ON MAY 18	11.7 ON MAY 18	0B ON JAN 1	35 500	1979
1980	---	65.0 B ON MAY 26 *	0B ON JAN 1	73 500	1980
1981	---	7.42 ON JUL 22	0B ON JAN 1	53 200	1981
1982	---	53.0 B ON MAY 31	0B ON JAN 1	70 300	1982
				60 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10NA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	95.0	24.0	12.3	6.96	---	---	---	1982
MEAN	---	---	---	---	---	---	95.0	24.0	12.3	6.96	---	---	---	MEAN

LOCATION - LAT 68 23 40 N
LONG 128 57 00 W NATURAL FLOW

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	252	188	132	95.1	74.5	---	1965
1966	62.4	51.9	44.0	40.0	51.2	197	250	215	168	---	---	---	---	1966
1967	---	---	41.0	34.8	34.3	95.5	237	262	220	203	178	106	---	1967
1968	74.3	65.7	56.7	45.2	38.7	94.5	224	207	169	151	140	109	115	1968
1969	70.7	49.3	43.7	39.3	41.1	75.8	166	206	227	203	161	125	118	1969
1970	93.9	64.0	47.4	46.1	40.5	103	179	173	168	154	125	101	108	1970
1971	81.9	63.9	53.2	46.0	58.8	194	233	186	156	151	123	111	122	1971
1972	82.2	62.4	45.8	---	---	---	---	225	176	132	101	75.5	---	1972
1973	57.7	46.6	40.6	35.9	50.5	145	181	161	154	130	106	84.3	99.6	1973
1974	64.9	51.7	43.9	38.7	44.5	102	174	186	166	131	106	87.7	100	1974
1975	72.3	57.5	46.5	37.8	57.2	185	255	197	141	107	85.6	69.4	110	1975
1976	54.4	44.3	35.1	30.4	41.0	108	169	150	105	79.1	65.1	55.4	78.3	1976
1977	46.7	40.0	35.3	32.1	42.4	166	211	172	129	98.1	78.7	65.3	93.4	1977
1978	54.5	45.5	36.8	30.3	30.6	65.3	137	162	137	107	86.4	65.6	80.1	1978
1979	51.1	42.7	34.9	32.6	38.7	110	199	184	133	93.9	75.9	63.7	88.7	1979
1980	50.1	39.1	33.1	32.6	51.2	101	118	102	80.3	65.9	56.9	46.3	64.8	1980
1981	35.9	29.8	25.7	23.2	29.7	90.9	160	159	130	111	86.9	67.2	79.5	1981
1982	50.5	38.1	31.0	28.5	31.8	116	210	193	150	116	89.3	66.5	93.8	1982
MEAN	62.7	49.5	40.9	35.8	42.6	122	194	188	155	127	104	80.8	96.5	MEAN

LOCATION - LAT 65 25 00 N DRAINAGE AREA, 20 300 km^2
LONG 114 00 30 W NATURAL FLOW

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	259 ON JUL 7	37.9 ON MAY 2	---	1966
1967	---	275 ON AUG 12 *	32.6 ON APR 27	---	1967
1968	---	238 ON JUL 17	37.4 ON MAY 25	3 630 000	1968
1969	---	230 ON SEP 17	37.1 ON APR 30	3 710 000	1969
1970	193 AT 09:30 MDT ON JUL 23	191 ON JUL 23	38.5 ON MAY 21	3 420 000	1970
1971	---	241 ON JUL 4	42.2 ON MAY 9	3 840 000	1971
1972	---	259A ON JUL 8	---	---	1972
1973	---	185 ON JUL 21	33.1E ON MAY 7	3 140 000	1973
1974	---	193 ON AUG 10	36.8 ON MAY 4	3 160 000	1974
1975	---	266 ON JUL 6	36.0 ON APR 20	3 460 000	1975
1976	---	174 ON JUL 30	29.7E ON APR 19	2 480 000	1976
1977	---	218 ON JUL 5	30.0 ON MAY 12	2 950 000	1977
1978	172 AT 01:30 MST ON AUG 7	170 ON AUG 7	28.6 ON APR 26	2 530 000	1978
1979	212 AT 18:15 MST ON JUL 24	210 ON JUL 25	31.8 ON MAY 9	2 800 000	1979
1980	124 AT 15:16 MST ON JUL 9	122 ON JUL 8	31.6 ON MAR 25	2 050 000	1980
1981	177 AT 15:50 MST ON JUL 27	172 ON JUL 27	22.1 ON APR 14 *	2 510 000	1981
1982	229 AT 01:30 MST ON JUL 28 *	219 ON JUL 28	28.0 ON APR 25	2 960 000	1982
				3 050 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 06KC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	985	1 010	---	---	---	---	1962
1964	---	---	---	---	---	---	---	---	---	262	217	260	---	1964
1965	252	244	234	225	218	310	405	381	339	299	275	260	287	1965
1966	242	222	200	183	167	480	494	459	415	---	---	---	---	1966
1968	---	---	---	---	---	---	---	---	---	602	584	507	---	1968
1969	448	400	349	299	249	234	661	641	499	437	378	306	409	1969
1970	235	219	211	203	196	370	406	435	505	471	378	283	326	1970
1971	252	248	247	240	235	440	504	459	418	383	347	311	341	1971
1972	275	240	204	176	174	439	551	431	406	386	364	341	333	1972
1973	280	229	182	206	254	412	446	399	395	393	295	129	302	1973
1974	110	83.4	79.1	136	216	450	392	380	330	238	207	193	235	1974
1975	179	166	168	203	305	584	495	402	402	362	308	260	320	1975
1976	201	147	120	162	266	700	645	488	470	400	303	221	344	1976
1977	171	173	219	245	266	534	473	406	392	409	362	316	331	1977
1978	262	227	200	213	229	332	724	555	435	318	242	194	329	1978
1979	199	196	193	190	218	462	512	451	---	385R	355R	327R	---	1979
1980	300	277	255	235	237	510	354	299	340R	247R	190R	174R	285R	1980
1981	164	159	156	155	156	330	446	406	397	--	---	---	---	1981
1982	288	269	247	228	209	366	494	399	374	361	332	301	323	1982
MEAN	241	219	204	206	225	435	502	469	445R	372R	321R	274R	320	MEAN

LOCATION - LAT 64 16 01 N DRAINAGE AREA, 67 600 km²
LONG 99 35 47 W NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - DISCHARGE RECORDS FOR THE PERIOD 1960-67 AT STA. NO. 06KC001 AND 1968-77 AND 1979-80 FROM STAGE RECORD AT 06KC003

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 06KC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1964	---	---	---	---	1964
1965	---	442 ON JUL 24	212 B ON JUN 1	9 060 000	1965
1966	---	665 ON JUN 14	---	---	1966
1968	---	---	---	---	1968
1969	731 AT 04:00 CST ON JUL 18 *	731 ON JUL 17	194 B ON JUN 20	12 900 000	1969
1970	532 AT 22:00 CST ON SEP 19	530 ON SEP 18	191 B ON MAY 28	10 300 000	1970
1971	---	527 ON JUN 28	230 B ON MAY 17	10 800 000	1971
1972	---	682B ON JUN 20	157 B ON MAY 15	10 500 000	1972
1973	---	490 ON JUN 18	48.1B ON DEC 31 *	9 520 000	1973
1974	---	518B ON JUN 10	70.5B ON MAR 12	7 430 000	1974
1975	634 AT 13:29 CST ON JUN 20	631 ON JUN 18	157 B ON FEB 20	10 100 000	1975
1976	---	835 ON JUN 23 *	114 B ON MAR 15	10 900 000	1976
1977	---	580B ON JUN 20	162 B ON JAN 30	10 500 000	1977
1978	---	779B ON JUL 14	184 B ON DEC 28	10 400 000	1978
1979	589 AT 11:21 CST ON JUL 5	582 ON JUL 6	---	---	1979
1980	655 AT 10:24 CST ON JUN 5	652 ON JUN 5	---	9 000 000R	1980
1981	---	481A ON JUL 17	155 B ON MAR 26	---	1981
1982	542 AT 17:00 CST ON JUL 9	540 ON JUL 9	199 B ON MAY 30	10 200 000	1982
MEAN				10 100 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10TE003

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	5.82	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	3.82	3.30	3.24	---	---	---	---	1975
1976	---	---	---	---	---	---	5.89	2.70	---	---	---	---	---	1976
1977	---	---	---	---	---	---	7.78	2.66	0.587	---	---	---	---	1977
1979	---	---	---	---	---	---	---	4.89	3.54	---	---	---	---	1979
1980	---	---	---	---	---	---	5.69	3.44	0.647	---	---	---	---	1980
1981	---	---	---	---	---	---	5.84	3.33	---	---	---	---	---	1981
1982	---	---	---	---	---	5.58	6.31	4.84	0.469	---	---	---	4.32	1982
MEAN	---	---	---	---	---	5.58	5.88	3.59	1.70	---	---	---	4.32	MEAN

LOCATION - LAT 66 08 55 N DRAINAGE AREA, 65.5 km²
LONG 65 41 19 W NATURAL FLOW

DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10TE003

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	33.1 AT 17:00 AST ON JUL 3	22.3 ON JUL 3 *	0B ON SEP 29 *	---	1977
1979	---	---	---	---	1979
1980	14.7 AT 22:19 AST ON JUL 2	---	---	---	1980
1981	27.4 IN SEP	---	---	---	1981
1982	39.7 AT 21:17 EST ON JUL 31 *	21.2 ON JUL 31	0B ON JUN 1	45 600	1982
				45 600	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ELLICE RIVER NEAR THE MOUTH - STATION NO. 10QD001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	61.9	138	66.1	10.4	2.53	---	1971
1972	1.11	0.530	0.083	0	0	---	---	64.3	43.3	12.0	0.608	0	---	1972
1973	0	0	0	0	0	---	---	187	229	30.3	5.80	2.01	---	1973
1974	0.543	0	0	0	0	---	---	57.2	32.9	7.36	1.91	0.378	---	1974
1975	0.009	0	0	0	---	---	120	31.4	25.2	13.1	3.16	0.219	---	1975
1976	0	0	0	0	---	---	205	42.2	24.7	8.20	1.13	0.018	---	1976
1977	0	0	0	0	0.001	---	---	53.1	63.1	37.4	10.3	4.17	---	1977
1978	1.49	0.582	0.066	0	0	138	505	123	41.4	6.28	2.29	0.511	103	1978
1979	0	0	0	0	0.001	455	364	61.0	43.8	9.28	1.70	0.217	116	1979
1980	0	0	0	0	---	---	---	64.5	67.3	13.1	1.48	0	---	1980
1981	0	0	0	0	0	89.1	178	56.7	88.3	64.8	10.7	0.181	61.0	1981
1982	0	0	0	0	0.032	218	287	144	242	46.6	12.5	1.25	118	1982
MEAN	0.287	0.101	0.014	0	0.004	225	277	78.9	86.6	26.2	5.16	0.957	99.5	MEAN

LOCATION - LAT 67 42 30 N   DRAINAGE AREA, 16 900 km²
LONG 104 08 30 W   NATURAL FLOW

ELLICE RIVER NEAR THE MOUTH - STATION NO. 10QD001

EX.REMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	259 ON SEP 19	0B ON MAY 6 *	---	1971
1972	---	---	0B ON MAY 1	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	0 ON MAY 1	---	1975
1976	---	---	0B ON DEC 5	---	1976
1977	---	---	---	---	1977
1978	---	963E ON JUL 4	0B ON MAY 1	2 170 000	1978
1979	---	1 190E ON JUN 23 *	0B ON MAY 1	2 460 000	1979
1980	---	---	0B ON MAY 1	---	1980
1981	---	260E ON JUN 27	0B ON MAY 1	1 290 000	1981
1982	---	660B ON JUN 27	0B ON MAY 1	2 510 000	1982
				2 110 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR §	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	8.62R	8.62R	9.11R	9.17R	9.15R	---	1978
1979	8.72	8.06	7.41	7.16	7.95	10.4	13.1	15.1	14.8	13.6	12.9	11.8	10.9	1979
1980	10.8	9.64	8.66	7.84	9.25	11.5	14.3	15.1	13.7	12.2	11.2	10.6	11.2	1980
1981	10.5	9.60	8.77	7.60	7.25	7.70	8.38	8.91	8.96	9.53	9.63	9.64	8.87	1981
1982	10.0	9.61	9.00	8.34	8.11	8.78	10.0	11.5	11.9	11.5	11.1	11.4	10.1	1982
MEAN	10.0	9.23	8.46	7.74	8.14	9.60	11.4	11.8 R	11.6 R	11.2 R	10.8 R	10.5 R	10.3	MEAN

LOCATION - LAT 63 47 35 N   DRAINAGE AREA, 5 100 km²
LONG 116 07 10 W   NATURAL FLOW

R - REVISED SINCE JAN 1980

EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	16.0 AT 05:57 MST ON AUG 24	15.8 ON AUG 24 *	7.02E ON MAY 2 *	345 000	1979
1980	16.1 AT 08:13 MST ON AUG 19 *	15.7 ON AUG 4	7.58 ON APR 24	355 000	1980
1981	---	11.0E ON JAN 1	7.06 ON MAY 6	280 000	1981
1982	---	12.8E ON AUG 23	7.82 ON MAY 16	319 000	1982
				325 000	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FALLS RIVER NEAR D'IBERVILLE FIORD - STATION NO. 10TC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	0.634	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	1.07	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	0.513	0.576	0.024	---	---	---	---	1975
MEAN	---	---	---	---	---	---	0.739	0.576	0.024	---	---	---	---	MEAN

LOCATION - LAT 80 36 08 N DRAINAGE AREA, 32.6 km^2
LONG 79 24 40 W NATURAL FLOW

FALLS RIVER NEAR D'IBERVILLE FIORD - STATION NO. 10TC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	4.28 ON AUG 18 *	0B ON SEP 19 *	---	1975
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAR CREEK AT FAR LAKE OUTLET - STATION NO. 06OA003

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.010	0.010	0	---	---	---	---	---	1978
1979	---	---	---	---	0.002	0.037	0	0	---	---	---	---	---	1979
1980	---	---	---	---	---	0.008	0.007	0.004	---	---	---	---	---	1980
1981	---	---	---	---	---	0.020	0.004	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.002	0.011	0.005	0.001	---	---	---	---	---	MEAN

LOCATION - LAT 63 41 40 N DRAINAGE AREA, 0.21 km^2 DATA CONTRIBUTED BY -
LONG 90 40 30 W NATURAL FLOW FRESHWATER INSTITUTE (DFO) (CANADA)

FAR CREEK AT FAR LAKE OUTLET - STATION NO. 06OA003

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	0.113 ON JUN 24 *	0 ON JUN 1 *	---	1978
1979	---	0.018 ON MAY 27	0 ON MAY 1	---	1979
1980	---	0.075E ON SEP 9	0 ON JUN 1	---	1980
1981	0.114 AT 20:30 CST ON JUN 13 *	0.095A ON JUN 14	0 ON MAY 23	---	1981
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 06NB002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0	0	0	0	0	---	---	134	97.4R	66.3R	39.2 R	14.6 R	---	1979
1980	0.159	0	0	0	0	88.7	177	148	151 R	98.6R	20.6 R	3.88R	95.1R	1980
1981	---	---	0	0	0.001	---	362	177	---	---	---	---	---	1981
1982	---	---	0	0	0	---	---	---	107	70.1	8.45	1.85	---	1982
MEAN	0.080	0	0	0	0	86.7	270	153	118 R	78.3R	22.8 R	6.78R	95.1	MEAN

LOCATION - LAT 62 28 25 N DRAINAGE AREA, 12 800 km^2
LONG 95 03 15 W NATURAL FLOW

R - REVISED SINCE JAN 1980

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 06MB002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	0B ON APR 1 *	---	1979
1980	185 AT 02:36 CST ON JUL 21 *	---	0B ON APR 1	---	1980
1981	---	---	0B ON APR 1	---	1981
1982	---	---	0B ON APR 1	---	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

FLAT RIVER AT CANTUNG CAMP - STATION NO. 10EA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	0.284	1.56	7.08	6.61	6.07	3.11	---	---	0.566	---	1960
1961	0.508	0.453	0.416	0.408	1.71	9.27	4.35	---	---	---	---	---	---	1961
1962	0.481	0.371	0.383	0.256	1.22	11.3	---	---	---	0.988	---	---	---	1962
1973	---	---	---	---	---	---	---	5.12	3.08	1.32	0.666	0.445	---	1973
1974	0.389	0.355	0.260	0.242	1.55	---	---	7.01	2.97	1.22	0.643	0.388	---	1974
1975	0.301	0.273	0.196	0.231	1.49	8.83	8.71	3.45	3.48	1.66	0.773	0.302	2.48	1975
1976	0.393	0.365	0.280	0.213	7.31	---	---	---	---	1.06	0.593	0.485	---	1976
1977	0.358	0.406	0.408	0.434	2.20	11.9	7.48	7.60	2.64	1.38	0.735	0.451	3.01	1977
1978	0.419	0.413	0.394	0.429	1.32	8.68	11.6	3.62	1.82	1.16	0.755	0.584	2.61	1978
1979	0.471	0.398	0.353	0.386	0.989	9.57	9.88	6.92	2.83	1.56	0.654	0.424	2.88	1979
1980	0.310	0.300	0.259	0.355	2.00	7.87	7.40	5.88	2.61	1.93	1.13	0.444	2.55	1980
1981	0.376	0.338	0.299	0.398	4.26	5.75	5.96	4.38	2.69	1.26	0.867	0.594	2.28	1981
1982	0.363	0.307	0.295	0.313	1.31	---	---	4.42	2.55	1.53	0.852	0.413	---	1982
MEAN	0.397	0.362	0.313	0.326	2.24	8.92	7.75	5.45	2.78	1.37	0.767	0.463	2.64	MEAN

LOCATION - LAT 61 57 40 N DRAINAGE AREA, 152 km^2
LONG 128 13 00 W NATURAL FLOW

FLAT RIVER AT CANTUNG CAMP - STATION NO. 10EA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	13.5 ON JUN 28	---	---	1960
1961	---	26.5 ON JUN 8 *	0.232 ON MAY 12	---	1961
1962	---	23.2 ON JUN 22	0.212B ON APR 1	---	1962
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	18.5 AT 22:00 MST ON JUL 13	14.9 ON JUL 2	0.170B ON MAR 19 *	78 300	1975
1976	---	---	---	---	1976
1977	18.3 AT 06:50 MST ON JUN 21	17.0 ON JUN 21	0.320B ON JAN 13	94 800	1977
1978	24.9 AT 18:00 MST ON JUL 2 *	22.6 ON JUL 2	0.377B ON APR 2	82 400	1978
1979	16.0 AT 08:30 MST ON JUN 23	15.5 ON JUN 23	0.292B ON APR 18	90 700	1979
1980	17.1 AT 00:10 MST ON JUN 10	16.3 ON JUN 9	0.248B ON MAR 16	80 600	1980
1981	13.8 AT 09:11 MST ON MAY 29	12.4 ON MAY 29	0.243B ON JAN 26	71 800	1981
1982	---	---	0.290B ON FEB 23	---	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		83 100	MEAN

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	23.0	19.3	18.1	---	1960
1961	17.0	15.3	14.4	---	---	369	153	95.9	77.8	43.1	22.1	22.1	---	1961
1962	20.4	17.0	14.3	13.0	63.6	600	290	171	111	82.3	37.1	29.7	121	1962
1963	26.6	22.7	19.8	29.0	378	358	296	133	145	82.4	34.5	22.1	116	1963
1964	25.4	19.8	19.8	19.8	---	384	213	175	113	58.6	33.6	25.5	---	1964
1965	15.8	16.6	15.3	17.0	116	176	190	96.6	69.8	---	---	---	---	1965
1966	---	---	---	---	---	229	184	124	78.5	---	---	---	---	1966
1967	---	---	---	---	---	---	---	89.2	62.3	---	---	---	---	1967
1968	---	---	---	---	---	272	294	237	178	---	---	---	---	1968
1969	---	---	---	---	---	221	134	145	98.3	61.4	---	---	---	1969
1970	---	---	---	---	---	---	---	118	92.1	65.3	29.9	17.0	---	1970
1971	---	---	---	---	---	307	149	87.7	69.4	---	---	---	---	1971
1972	---	---	---	---	---	328	---	---	77.1	47.4	21.1	15.0	---	1972
1973	13.5	10.7	8.88	18.8	260	393	158	101	128	35.9	19.3	16.5	97.1	1973
1974	13.6	12.3	12.5	16.0	173	310	215	240	112	52.7	24.6	24.9	101	1974
1975	20.2	18.1	15.1	19.7	212	328	244	150	90.5	67.3	32.8	28.2	103	1975
1976	21.9	17.2	13.8	30.3	378	257	250	174	105	61.0	29.0	20.2	105	1976
1977	16.9	14.7	13.8	20.3	164	262	320	208	140	80.1	20.9	14.7	96.9	1977
1978	13.3	14.5	14.9	14.5	79.0	167	281	151	81.9	64.3	29.7	23.0	78.4	1978
1979	18.0	14.9	14.0	15.9	192	287	288	149	142	82.4	22.6	19.3	101	1979
1980	20.6	20.8	20.8	27.2	131	324	162	110	133	101	43.3	29.5	85.5	1980
1981	23.1	16.9	15.7	16.7	289	358	131	81.4	81.3	41.6	24.5	22.5	76.7	1981
1982	17.9	14.1	12.3	12.1	176	398	121	130	63.7	34.5	23.5	22.0	77.3	1982
MEAN	18.6	16.0	15.0	19.3	174	308	207	141	102	60.2	27.5	21.8	96.6	MEAN

LOCATION - LAT 61 32 00 N DRAINAGE AREA, 8 560 km^2
LONG 125 24 20 W NATURAL FLOW

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	742 AT 03:00 PST ON JUN 11	685 ON JUN 11	---	---	1961
1962	---	864E ON JUN 11	13.0 B ON APR 1	3 810 000	1962
1963	1 070 AT 15:00 PST ON JUN 13	949 ON JUN 13	17.0 B ON APR 1	3 660 000	1963
1964	742 AT 10:00 PST ON JUN 4	702 ON JUN 4	---	---	1964
1965	479 AT 10:30 PST ON JUL 18	445 ON JUL 18	15.0 B ON MAR 20	---	1965
1966	379 AT 07:00 PST ON JUN 29	360 ON JUN 29	---	---	1966
1967	---	---	---	---	1967
1968	920 AT 02:30 PST ON JUL 14	835 ON JUL 14	---	---	1968
1969	---	456 ON MAY 25	---	---	1969
1970	---	---	---	---	1970
1971	---	501 ON JUN 6	---	---	1971
1972	---	665 ON MAY 30	---	---	1972
1973	1 040 AT 15:30 MST ON JUN 9	934 ON JUN 9	8.50B ON MAR 11 *	3 070 000	1973
1974	714 AT 14:30 MST ON JUN 23	583 ON JUN 23	12.0 B ON FEB 23	3 180 000	1974
1975	889 AT 10:00 MST ON JUN 4	796 ON JUN 4	14.4 B ON MAR 24	3 230 000	1975
1976	---	453 ON JUN 10	13.0 B ON MAR 15	3 330 000	1976
1977	538 AT 19:50 MST ON JUN 3	467 ON JUN 3	13.6 B ON MAR 14	3 060 000	1977
1978	1 350 AT 17:40 MST ON JUL 2 *	1 100 ON JUL 2 *	13.2 B ON JAN 10	2 470 000	1978
1979	806 AT 09:10 MST ON MAY 27	709 ON MAY 27	13.9 B ON MAR 8	3 190 000	1979
1980	570 AT 07:50 MST ON JUN 17	527 ON JUN 17	20.0 B ON JAN 1	2 700 000	1980
1981	543 AT 15:35 MST ON JUN 8	486 ON JUN 8	15.3 B ON APR 2	2 420 000	1981
1982	---	555E ON JUN 4	11.2 B ON APR 7	2 440 000	1982
MEAN				3 050 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TA001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	5.31	2.46	0.630	0	---	---	1970
1971	---	---	---	---	---	---	---	6.38	7.39	1.80	0	0	---	1971
1972	0	0	0	0	0	---	---	---	5.97	1.07	0.006	0	---	1972
1973	---	---	---	---	---	---	19.8	5.67	2.64	0.650	0.023	---	---	1973
1974	---	---	---	---	---	---	27.6	6.79	1.47	---	---	---	---	1974
1975	0	0	0	0	0	10.0	15.4	3.87	1.28	0.219	0.001	0	5.13	1975
1976	0	0	0	0	0	---	---	9.42	2.65	0.197	0	0	---	1976
1977	0	0	0	0	0	---	---	6.77	2.69	0.989	0.102	0	---	1977
1978	0	0	0	0	0	0.011	35.9	17.2	6.88	1.72	0.009	0	10.4	1978
1979	0	0	0	0	0	0.052	26.5	10.3	3.59	1.00	0.202	0.003	6.96	1979
1980	0	0	0	0	0	10.1	22.2	9.89	4.79	0.817	0	0	7.96	1980
1981	0	0	0	0	0	11.5	14.2	6.44	3.19	0.357	0	0	5.95	1981
1982	0	0	0	0	0	12.8	35.9	9.32	1.82	0.075	0	0	10.0	1982
MEAN	0	0	0	0	0	7.41	24.7	8.11	3.60	0.794	0.029	0	7.73	MEAN

LOCATION - LAT 69 07 45 N DRAINAGE AREA, 1 490 km^2
LONG 104 59 30 W NATURAL FLOW

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TA001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	0.014B ON OCT 31	---	1970
1971	---	---	0.028B ON OCT 29	---	1971
1972	---	---	0 B ON MAY 1 *	---	1972
1973	---	---	0.125B ON OCT 31	---	1973
1974	---	---	0 B ON OCT 15	---	1974
1975	38.2A AT 12:30 MST ON JUN 26	37.7A ON JUN 26	0 ON MAY 1	81 600	1975
1976	---	---	0 B ON MAY 1	---	1976
1977	---	---	---	---	1977
1978	61.4 AT 11:00 MST ON JUL 15 *	61.2 ON JUL 15 *	0 B ON MAY 1	165 000	1978
1979	---	38.2E ON JUL 10	0 B ON MAY 1	111 000	1979
1980	---	33.9E ON JUN 30	0 B ON MAY 1	127 000	1980
1981	---	25.1E ON JUN 23	0 B ON MAY 1	94 400	1981
1982	---	60.0E ON JUN 30	0 B ON MAY 1	159 000	1982
MEAN				123 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	8.84	6.42	1.75	0.100	---	1977
1978	0.021	0	0	0	0.161	24.0	50.0	16.9	7.10	1.71	0.325	0.057	12.6	1978
1979	0	0	0	0	0.180	51.2	36.0	7.74	6.03	2.59	0.797	0.130	13.0	1979
1980	0	0	0	0	2.03	26.6	13.2	12.3	16.0	3.80	0.415	0	9.12	1980
1981	0	0	0	0	2.74	43.3	17.4	7.48	18.8	7.40	1.86	0.028	12.2	1981
1982	0	0	0	0	0	13.2	26.3	30.5	24.1	6.99	0.775	0.077	12.8	1982
MEAN	0.004	0	0	0	1.02	31.7	28.6	15.0	13.5	4.65	0.920	0.065	11.9	MEAN

LOCATION - LAT 66 48 20 N DRAINAGE AREA, 1 550 km^2
LONG 107 07 00 W NATURAL FLOW

GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	116 AT 11:35 MST ON JUN 26 *	112 ON JUN 26 *	0B ON MAY 1 *	266 000	1978
1979	110 AT 21:15 MST ON JUN 25	106 ON JUN 25	0B ON MAY 1	276 000	1979
1980	43.2 AT 18:45 MST ON JUN 17	41.8 ON JUN 18	0B ON MAY 1	193 000	1980
1981	---	108 E ON JUN 5	0B ON MAY 1	258 000	1981
1982	---	64.0E ON JUN 28	0B ON MAY 1	270 000	1982
				253 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	573	691	724	749	745	687	627	616	---	1961
1962	---	---	---	---	577	---	---	719	695	648	601	598	---	1962
1963	579	561	551	530	537	608	654	672	679	606	578	564	593	1963
1964	547	530	520	514	520	638	680	672	655	635	645	589	596	1964
1965	551	533	548	525	515	566	637	654	655	669	642	687	596	1965
1966	597	600	548	464	514	595	670	683	677	---	---	---	---	1966
1967	---	---	---	---	---	---	---	539	591	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	553	535	525	514	---	1968
1969	494	477	470	468	480	514	546	583	595	581	568	554	526	1969
1970	540	527	518	512	505	536	559	581	595	582	556	540	546	1970
1971	522	520	518	517	533	612	631	632	626	615	585	564	573	1971
1972	550	547	540	540	530	555	613	615	601	583	559	537	564	1972
1973	524	531	521	507	538	580	616	613	616	562	486	497	550	1973
1974	524	515	511	501	508	538	554	575	566	548	537	534	534	1974
1975	538	541	524	509	528	583	591	583	571	552	522	510	546	1975
1976	508	503	494	494	513	534	541	549	539	518	484	459	511	1976
1977	449	442	445	460	511	523	549	540	529	516	487	487	495	1977
1978	477	470	453	440	448	481	501	506	505	484	454	436	471	1978
1979	481	427	400	399	431	491	499	494	496	484	456	424	457	1979
1980	424	427	425	423	460	504	519	530	525	521	485	457	475	1980
1981	459	452	457	453	459	484	---	---	490	498	481	486	---	1981
1982	468	459	443	442	446	486	521	534	532	519	---	---	---	1982
MEAN	513	503	494	483	506	554	589	601	593	567	541	527	536	MEAN

LOCATION - LAT 65 08 10 N DRAINAGE AREA, 146 000 km^2
LONG 123 30 30 W NATURAL FLOW

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	779 ON AUG 7	515 ON NOV 25	---	1961
1962	---	852 ON AUG 12 *	561E ON MAY 1	---	1962
1963	---	691 ON AUG 21	507 ON MAY 6	18 700 000	1963
1964	---	708 ON NOV 3	510E ON MAR 21	18 800 000	1964
1965	---	725 ON OCT 5	487 ON MAY 14	18 800 000	1965
1966	---	699 ON SEP 4	428 ON APR 16	---	1966
1967	---	614 ON SEP 18	524 ON AUG 11	---	1967
1968	---	555E ON SEP 1	504E ON DEC 30	---	1968
1969	---	614 ON SEP 10	459 ON MAY 6	16 600 000	1969
1970	648 AT 10:00 MST ON OCT 18 *	606 ON SEP 4	501E ON MAY 16	17 200 000	1970
1971	---	648 ON JUL 21	498 ON MAY 9	18 100 000	1971
1972	623A ON JUL 26	623E ON JUL 23	521 ON DEC 6	17 900 000	1972
1973	---	640 ON JUL 14	456A ON NOV 27	17 300 000	1973
1974	---	578E ON AUG 7	493 ON APR 29	16 900 000	1974
1975	---	609 ON JUN 30	490 ON APR 23	17 200 000	1975
1976	---	561 ON SEP 21	456E ON DEC 22	16 200 000	1976
1977	---	555 ON JUL 16	436 ON JAN 22	15 600 000	1977
1978	544 AT 08:00 MST ON AUG 3	518 ON AUG 31	425B ON DEC 30	14 900 000	1978
1979	522 AT 06:50 MST ON SEP 13	506 ON JUL 22	367 ON DEC 5 *	14 400 000	1979
1980	551 AT 11:55 MST ON AUG 7	544 ON AUG 7	407 ON JAN 10	15 000 000	1980
1981	---	520 ON OCT 1	431 ON NOV 6	---	1981
1982	---	544 ON AUG 15	428 ON MAR 27	---	1982
				16 900 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NORTHWEST TERRITORIES

HALDANE RIVER NEAR THE MOUTH - STATION NO. 10JD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	1.78	0.850	0.310	0.035	0	---	1975
1976	0	0	0	---	---	---	12.9	4.46	3.13	2.39	0.977	0.216	---	1976
1977	0	0	0	0.088	18.5	155	24.2	5.04	3.90	1.97	0.546	0.153	17.4	1977
1978	0	0	0	0	0	106	32.7	5.61	1.16	0.539	0.108	---	---	1978
1979	0	0	0	0	22.9	64.1	15.6	2.63	1.89	0.927	0.046	0	9.00	1979
1980	0	0	0	0	29.7	148	22.1	5.19	3.03	2.74	0.788	0	17.5	1980
1981	---	---	---	---	---	63.9	15.9	8.14	11.6	9.12	0.878	0.003	---	1981
1982	0	0	0	0	52.2	---	---	7.90	4.78	2.17	0.473	0.005	---	1982
MEAN	0	0	0	0.018	24.7	107	20.6	5.09	3.79	2.52	0.481	0.054	14.6	MEAN

LOCATION - LAT 66 51 00 N DRAINAGE AREA, 3 990 km²
LONG 121 16 10 W NATURAL FLOW

HALDANE RIVER NEAR THE MOUTH - STATION NO. 10JD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	0B ON DEC 4 *	---	1975
1976	---	---	0B ON JAN 1	---	1976
1977	---	524E ON JUN 4 *	0B ON JAN 1	547 000	1977
1978	236 AT 18:00 MST ON JUN 15	210 ON JUN 16	0B ON JAN 1	---	1978
1979	107 AT 23:30 MST ON JUN 1	183 ON JUN 2	0B ON JAN 1	284 000	1979
1980	283 AT 17:55 MST ON JUN 14 *	276 ON JUN 15	0B ON JAN 1	554 000	1980
1981	212 AT 04:58 MST ON MAY 28	206 ON MAY 28	---	---	1981
1982	---	---	0B ON JAN 1	---	1982
				462 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

HANBURY RIVER ABOVE HOARE LAKE - STATION NO. 06JB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	46.5	---	---	31.4	14.8	7.57	---	1971
1972	3.92	2.22	2.12	---	---	---	71.6	39.4	25.4	15.5	9.36	6.02	---	1972
1973	3.91	---	---	---	---	---	46.7	28.5	33.4	46.8	32.4	20.1	---	1973
1974	7.05	---	---	---	---	---	45.1	25.6	15.2	9.90	8.65	8.14	---	1974
1975	5.31	3.71	3.53	---	---	---	---	26.1	23.4	18.6	12.2	5.89	---	1975
1976	2.24	---	---	---	---	---	48.6	24.6	21.8	16.7	12.2	7.36	---	1976
1977	4.50	3.09	2.59	---	---	117	60.6	28.3	21.0	18.8	11.5	7.15	---	1977
1978	5.70	4.96	4.56	4.10	5.73	65.9	99.1	50.1	23.0	13.8	8.08	6.17	24.4	1978
1979	5.28	4.80	4.45	4.25	4.30	86.3	89.7	38.8	21.6	13.0	8.14	3.58	23.8	1979
1980	1.58	1.07	0.718	0.817	10.6	27.5	21.0	13.5	13.7	11.9	7.01	4.60	10.2	1980
1981	3.36	3.04	2.93	2.85	12.7	113	71.0	35.1	22.0	13.6	6.84	3.86	24.3	1981
1982	---	---	---	---	---	---	63.5	31.8	25.6	23.6	16.1	11.2	---	1982
MEAN	4.29	3.27	2.99	3.00	10.3	81.9	60.3	31.1	22.4	19.6	12.1	7.64	20.7	MEAN

LOCATION - LAT 63 35 30 N DRAINAGE AREA, 5 810 km²
LONG 105 09 00 W NATURAL FLOW

HANBURY RIVER ABOVE HOARE LAKE - STATION NO. 06JB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	---	---	---	---	1971
1972	---	---	1.76 B ON MAR 1	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	119 E ON JUN 27	3.96 B ON APR 22	770 000	1978
1979	---	137 E ON JUN 22 *	1.93 B ON DEC 31	750 000	1979
1980	---	31.1E ON JUN 5	0.626B ON APR 10 *	322 000	1980
1981	---	136 B ON JUN 10	2.81 B ON APR 28	765 000	1981
1982	---	---	---	---	1982
				652 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

HANS CREEK NEAR INUVIK - STATION NO. 10ND001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	0.001	10.9	3.37	0.708	4.64	---	---	---	---	1977
1978	---	---	---	---	---	6.84	4.67	0.878	0.250	---	---	---	---	1978
1979	0	0	0	0	2.25	4.77	1.42	---	---	1.03	0.428	0.007	---	1979
1980	0	0	0	0	0	35.0	6.81	0.827	0.711	0.717	0.127	0	4.85	1980
1981	0	0	0	0	0	6.16	2.22	2.34	1.80	1.50	0.735	0.207	1.65	1981
MEAN	0	0	0	0	0.563	12.7	3.70	1.19	1.85	1.08	0.430	0.071	3.25	MEAN

LOCATION - LAT 68 52 20 N, LONG 133 34 30 W — DRAINAGE AREA, 316 km², NATURAL FLOW

HANS CREEK NEAR INUVIK - STATION NO. 10ND001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	32.3 AT 11:00 MST ON JUL 4 *	30.6 ON JUN 4	0 ON MAY 1 *	---	1977
1978	24.9 AT 07:00 MST ON JUN 14	23.5 ON JUN 14	--	---	1978
1979	---	17.5B ON MAY 28	0B ON APR 1	---	1979
1980	---	87.0B ON JUN 18 *	0B ON APR 1	115 000	1980
1981	---	29.8 ON JUN 5	0B ON APR 1	39 300	1981
MEAN				77 200	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARRIS RIVER NEAR THE MOUTH - STATION NO. 10GC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	---	---	0.001	0	---	1972
1973	0	0	0	0.066	3.96	1.05	0.780	0.112	0.164	0.097	0.010	0.002	0.526	1973
1974	0	0	0	0.018	9.67	3.83	1.03	0.509	0.585	0.596	0.134	0.003	1.38	1974
1975	0	0	0	1.24	15.2	1.82	0.134	0.107	0.149	1.36	0.063	0.040	1.70	1975
1976	0.022	0.014	0.009	5.90	9.80	2.11	0.126	0.655	1.09	0.404	0.103	0.006	1.69	1976
1977	0	0	0	0.083	---	---	---	0.017	0.003	0.023	0.003	0	---	1977
1978	0	0	0	0.004	5.42	1.56	---	0.070	0.010	0.008	0.007	0	---	1978
1979	0	0	0	0	7.56	3.03	0.575	0.014	0.002	0	0	0	0.941	1979
1980	0	0	0	0.006	0.188	0.057	0.008	0	0.001	0.011	0.005	0	0.023	1980
1981	0	0	0	0	6.23	0.391	0.638	0.161	1.19	6.84	1.91	0.215	1.48	1981
1982	0.033	0.005	0.005	0.034	24.1	5.69	1.63	1.70	3.10	2.40	0.407	0.152	3.31	1982
MEAN	0.006	0.002	0.001	0.735	9.13	2.17	0.615	0.335	0.629	1.17	0.240	0.038	1.38	MEAN

LOCATION - LAT 61 52 41 N, LONG 121 17 36 W — DRAINAGE AREA, 579 km², NATURAL FLOW

HARRIS RIVER NEAR THE MOUTH - STATION NO. 10GC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	---	0 ON NOV 9 *	---	1972
1973	---	8.44 ON MAY 7	0 B ON JAN 1	16 600	1973
1974	25.4 AT 04:30 MST ON MAY 17	24.8 ON MAY 16	0 B ON JAN 1	43 500	1974
1975	38.2 AT [illegible]8:00 MST ON MAY 3 *	36.2 ON MAY 4	0 B ON JAN 1	53 600	1975
1976	---	28.6 E ON APR 30	0 B ON DEC 15	53 400	1976
1977	---	---	0 B ON JAN 1	---	1977
1978	---	10.5 B ON MAY 7	0 B ON JAN 1	---	1978
1979	14.8 AT 22:00 MST ON MAY 20	14.7 ON MAY 21	0 B ON JAN 1	29 600	1979
1980	0.508 AT 22:00 MST ON MAY 15	0.422 ON MAY 13	0 B ON JAN 1	735	1980
1981	16.1 B AT 14:18 MST ON MAY 8	15.1 B ON MAY 7	0 B ON JAN 1	46 800	1981
1982	---	43.5 A ON MAY 12 *	0.002B ON APR 1	104 000	1982
MEAN				43 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

HAY RIVER NEAR HAY RIVER - STATION NO. 07OB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	---	---	---	96.1	48.8	47.5	28.2	14.2	---	1929
1930	12.5	12.7	14.3	---	---	---	---	---	---	---	26.1	12.1	---	1930
1931	10.5	8.25	11.1	17.7	---	---	---	---	---	---	---	---	---	1931
1963	---	---	---	--	---	---	199	233	144	127	45.1	16.2	---	1963
1964	6.03	4.03	3.22	13.2	480	199	92.1	150	118	101	46.9	8.99	102	1964
1965	4.65	3.27	2.65	82.1	421	163	74.4	55.4	12.8	26.3	17.4	5.29	71.3	1965
1966	1.88	1.36	0.816	22.1	316	137	123	68.3	28.6	15.8	8.75	4.46	61.3	1966
1967	3.05	4.12	2.12	1.69	582	232	111	102	19.2	28.3	14.6	7.00	93.3	1967
1968	3.14	2.21	1.85	95.7	353	178	118	93.8	43.0	32.3	16.3	7.68	79.1	1968
1969	3.82	2.72	1.71	182	554	248	142	83.0	66.7	66.6	22.1	7.84	116	1969
1970	2.99	2.13	1.64	8.90	275	189	56.5	12.0	12.9	14.1	8.39	2.47	49.2	1970
1971	1.63	1.01	0.781	51.5	273	111	111	21.7	17.7	16.0	9.00	4.58	52.0	1971
1972	2.96	2.23	1.36	1.03	585	178	150	63.0	23.0	12.0	6.95	4.40	86.7	1972
1973	2.02	0.724	1.27	95.8	393	229	275	211	160	75.5	27.3	9.77	124	1973
1974	4.12	1.96	0.419	71.5	799	322	241	162	139	80.8	33.2	8.62	157	1974
1975	3.64	1.44	1.53	59.6	352	264	224	109	92.4	56.3	19.0	8.08	99.9	1975
1976	3.48	3.40	2.93	170	360	392	313	327	333	206	112	56.9	190	1976
1977	25.2	10.8	8.04	170	393	770	581	344	197	142	72.4	30.5	230	1977
1978	10.2	5.23	4.54	5.52	433	274	130	101	176	129	44.8	14.1	111	1978
1979	5.76	3.46	2.14	9.33	448	691	333	172	142	107	63.5	10.0	166	1979
1980	3.96	3.19	2.89	29.4	38.3	28.8	19.2	28.6	21.9	40.2	18.0	4.08	19.9	1980
1981	1.97	1.63	1.65	2.19	419	112	41.7	11.3	5.07	6.09	4.51	2.63	51.5	1981
1982	1.73	1.65	1.85	2.73	398	168	55.5	24.0	25.2	15.4	7.30	2.81	59.3	1982
MEAN	5.49	3.69	3.28	54.6	414	256	170	118	87.0	64.1	29.6	11.0	101	MEAN

LOCATION - LAT 60 44 45 N DRAINAGE AREA, 47 900 km²
LONG 115 51 20 W NATURAL FLOW

HAY RIVER NEAR HAY RIVER - STATION NO. 07OB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1929	---	---	---	---	1929
1930	---	---	10.2 B ON DEC 24	---	1930
1931	---	---	7.93 B ON FEB 14	---	1931
1963	---	---	---	---	1963
1964	---	725B ON MAY 8	2.56 B ON APR 17	3 250 000	1964
1965	---	708B ON MAY 1	1.61 B ON DEC 29	2 250 000	1965
1966	---	521 ON MAY 15	0.566B ON MAR 6	1 930 000	1966
1967	1 020 AT 20:30 MST ON MAY 10	957 ON MAY 11	0.906B ON APR 4	2 940 000	1967
1968	524 AT 18:00 MST ON MAY 6	518 ON MAY 6	1.56 B ON MAR 19	2 500 000	1968
1969	---	889 ON MAY 7	1.46 B ON MAR 11	3 650 000	1969
1970	---	374B ON MAY 3	1.16 B ON APR 12	1 550 000	1970
1971	---	600E ON MAY 1	0.283B ON FEB 11	1 640 000	1971
1972	---	1 020B ON MAY 9	0.340B ON APR 19	2 750 000	1972
1973	---	595 ON APR 29	0.566B ON FEB 13	3 920 000	1973
1974	---	1 180 ON MAY 3 *	0.195B ON APR 9 *	4 940 000	1974
1975	---	680B ON APR 30	1.00 B ON FEB 20	3 150 000	1975
1976	---	685 ON APR 30	2.52 B ON MAR 15	6 020 000	1976
1977	1 080 AT 16:45 MST ON JUN 15 *	1 080 ON JUN 14	7.11 B ON APR 4	7 250 000	1977
1978	---	818B ON MAY 3	3.94 B ON APR 16	3 510 000	1978
1979	---	1 120E ON JUN 5	1.92 B ON APR 4	5 250 000	1979
1980	---	120A ON APR 28	2.22 B ON DEC 31	630 000	1980
1981	---	790B ON MAY 4	1.57 B ON APR 23	1 620 000	1981
1982	---	657B ON MAY 9	0.278B ON MAR 15	1 870 000	1982
MEAN				3 190 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 10SB001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	88.8	117	20.3	1.09	0	---	1971
1972	0	0	0	0	0	---	---	---	---	---	---	0	---	1972
1973	0	0	0	0	5.32	550	210	572	284	62.5	0	0	210	1973
1974	0	0	0	0	6.94	417	149	148	34.9	0	0	0	93.8	1974
1975	0	0	0	0	13.6	665	181	61.9	206	41.1	1.24	0	145	1975
1976	0	0	0	0	0.347	623	725	86.2	79.4	22.9	0	0	192	1976
1977	0	0	0	0	0.292	711	658	365	123	66.7	6.56	0	241	1977
1978	0	0	0	0	0	0.973	521	218	146	11.3	0	0	113	1978
1979	0	0	0	0	0	298	639	214	163 R	30.2R	1.36 R	0R	166 R	1979
1980	0	0	0	0	0	---	---	393	225 R	22.3R	0.265R	0R	---	1980
1981	---	---	0	0	0	---	---	164	223	65.1	---	---	---	1981
1982	---	---	0	0	0.034	696	574	197	187	41.1	2.61	0	211	1982
MEAN	0	0	0	0	2.41	495	457	228	163 R	34.9R	1.31 R	0R	172	MEAN

LOCATION - LAT 67 32 00 N DRAINAGE AREA, 17 700 km²
LONG 94 05 00 W NATURAL FLOW

R - REVISED SINCE JAN 1980

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 10SB001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	---	---	---	---	1971
1972	---	---	0B ON MAY 1 *	---	1972
1973	---	954E ON JUN 15	0B ON MAY 1	4 440 000	1973
1974	---	609E ON JUN 18	0B ON MAY 1	1 990 000	1974
1975	---	934E ON JUN 15	0B ON MAY 1	3 060 000	1975
1976	3 280 AT 05:21 CST ON JUN 30	3 230 ON JUN 30	0B ON MAY 1	4 060 000	1976
1977	---	2 800B ON JUN 27	0B ON MAY 1	5 090 000	1977
1978	---	1 380E ON JUL 15	0B ON MAY 1	2 400 000	1978
1979	---	1 050E ON JUL 1	0B ON MAY 1	3 560 000R	1979
1980	---	1 620A ON JUL 10	0B ON MAY 1	---	1980
1981	---	---	0B ON MAY 1	---	1981
1982	3 390 AT 00:50 CST ON JUN 25 *	3 390 ON JUN 25 *	0B ON MAY 1	4 480 000	1982
MEAN				3 640 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD   R - REVISED SINCE JAN 1980

INDIN RIVER ABOVE CHALCO LAKE - STATION NO. 07SA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	2.57	2.32	2.12	1.51	---	1977
1978	1.08	0.759	0.490	0.346	1.15	18.3	18.4	6.54	3.44	3.12	2.67	1.88	4.20	1978
1979	1.33	1.03	0.797	0.617	6.75	34.9	15.0	5.57	3.17	2.41	1.99	1.42	6.24	1979
1980	1.06	0.804	0.588	0.467	8.81	16.3	7.92	3.31	1.98	2.21	2.33	1.71	3.96	1980
1982	2.22	1.25	0.746	0.528	2.94	25.8	15.4	7.65	4.79	3.70	2.82	1.64	5.80	1982
MEAN	1.42	0.961	0.655	0.490	4.91	22.8	13.2	5.77	3.19	2.75	2.39	1.63	5.05	MEAN

LOCATION - LAT 64 24 20 N   DRAINAGE AREA, 1 790 km²
LONG 115 02 30 W   NATURAL FLOW

INDIN RIVER ABOVE CHALCO LAKE - STATION NO. 07SA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	21.9 AT 20:50 MST ON JUN 22	20.2 ON JUN 24	0.323B ON APR 26 *	132 000	1978
1979	43.9 AT 09:18 MST ON JUN 6 *	43.8 ON JUN 6 *	0.569B ON APR 28	197 000	1979
1980	---	17.6E ON JUN 14	0.394B ON APR 15	125 000	1980
1982	33.6 AT 19:00 MST ON JUN 14	33.1 ON JUN 14	0.488B ON APR 25	183 000	1982
MEAN				159 000	MEAN

B - ICE CONDITIONS   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

INMAN RIVER NEAR THE MOUTH - STATION NO. 10OC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	1.49	0.834	---	---	---	---	1975
1979	0	0	0	0	0	---	13.3	2.87	1.24	0.016	0	0	---	1979
1980	0	0	0	0	0	---	16.9	9.05	10.5	3.01	0	0	---	1980
1981	0	0	0	0	0.001	61.6	10.7	8.20	3.67	0.160	0	0	13.9	1981
1982	0	0	0	0	0.014	119	---	---	---	0.177	0	0	---	1982
MEAN	0	0	0	0	0.004	90.3	13.6	5.40	4.06	0.841	0	0	13.9	MEAN

LOCATION - LAT 69 05 45 N   DRAINAGE AREA, 2 240 km²
LONG 118 28 42 W   NATURAL FLOW

INMAN RIVER NEAR THE MOUTH - STATION NO. 10OC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	---	---	1975
1979	---	---	---	---	1979
1980	---	---	0B ON MAY 1 *	---	1980
1981	---	253B ON JUN 7	0B ON MAY 1	221 000	1981
1982	---	296B ON JUN 25 *	0B ON MAY 1	---	1982
MEAN				221 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO. 10LD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.329	0.089	0.031	0.064	0.565	0.007	0	---	1981
1982	0	0	0	0	1.42	0.889	0.099	0.014	0.045	0.045	0	0	0.211	1982
MEAN	0	0	0	0	1.42	0.609	0.094	0.023	0.055	0.305	0.004	0	0.211	MEAN

LOCATION - LAT 66 15 43 N
LONG 128 35 02 W   NATURAL FLOW

JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO. 10LD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	4.30B ON MAY 22 *	0B ON JAN 1 *	6 650	1982
				6 650	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

JEAN RIVER BELOW SLAVE RIVER - STATION NO. 07NC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	21.8	21.2	17.4	16.1	34.0	37.9	39.5	37.1	38.5	41.7	36.5	19.6	30.1	1980
MEAN	21.8	21.2	17.4	16.1	34.0	37.9	39.5	37.1	38.5	41.7	36.5	19.6	30.1	MEAN

LOCATION - LAT 61 14 55 N
LONG 113 19 50 W   REGULATED SINCE 1968

JEAN RIVER BELOW SLAVE RIVER - STATION NO. 07NC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	46.0E ON OCT 29 *	12.9B ON MAR 25 *	953 000	1980
				953 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

JEAN-MARIE RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	19.0	3.11	0.650	0.674	0.423	0.317	0.276	---	1972
1973	0.258	0.169	0.138	0.296	10.7	12.3	8.51	2.08	1.77	0.734	0.384	0.204	3.14	1973
1974	0.096	0.049	0.032	0.124	23.5	13.1	5.74	4.61	3.24	2.01	1.09	0.625	4.56	1974
1975	0.486	0.335	0.153	3.61	---	---	---	---	---	---	1.13	0.465	---	1975
1976	0.357	0.287	0.244	8.42	30.2	6.92	1.83	2.06	5.47	2.03	0.695	0.352	4.92	1976
1977	0.225	0.095	0.085	0.976	22.0	13.8	3.72	2.41	0.694	0.747	0.703	0.212	3.84	1977
1978	0.120	0.127	0.099	0.186	14.5	5.31	5.58	1.77	0.612	0.723	0.568	0.347	2.53	1978
1979	0.258	0.226	0.179	0.238	25.8	14.5	2.14	0.850	0.815	1.20	0.404	0.144	3.92	1979
1980	0.142	0.148	0.178	0.969	1.81	0.858	0.417	0.169	0.178	0.570	0.511	0.371	0.527	1980
1981	0.231	0.183	0.146	0.135	20.7	2.00	0.452	0.292	0.749	6.10	4.69	1.39	3.12	1981
1982	0.588	0.310	0.200	0.289	37.5	7.70	1.89	4.31	3.67	4.30	2.72	0.701	5.41	1982
MEAN	0.276	0.193	0.145	1.52	20.7	9.55	3.34	1.92	1.79	1.88	1.20	0.462	3.55	MEAN

LOCATION - LAT 61 27 00 N   DRAINAGE AREA, 1 310 km^2
LONG 121 15 00 W   NATURAL FLOW

JEAN-MARIE RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	27.2 ON JUL 3	0.133B ON MAR 21	99 200	1973
1974	---	47.3 E ON MAY 14	0.028B ON APR 10 *	144 000	1974
1975	---	---	0.057B ON APR 4	---	1975
1976	---	90.6 ON MAY 2 *	0.227B ON MAR 31	156 000	1976
1977	---	45.0 ON MAY 16	0.082B ON FEB 21	121 000	1977
1978	---	26.5 ON MAY 8	0.071B ON APR 1	79 600	1978
1979	---	54.6 ON MAY 22	0.140B ON DEC 7	124 000	1979
1980	---	5.55 ON APR 27	0.106 ON SEP 2	16 700	1980
1981	---	54.7 A ON MAY 9	0.073B ON APR 27	98 400	1981
1982	78.9 AT 11:13 MST ON MAY 19 *	78.5 ON MAY 19	0.142B ON APR 19	170 000	1982
				112 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   B - ICE CONDITIONS   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	38.7	29.2	17.6	9.98	---	1969
1970	5.92	4.44	4.20	4.97	78.1	80.4	64.4	69.8	74.7	64.8	36.3	21.0	42.7	1970
1971	11.2	6.26	4.68	---	---	---	50.8	21.6	14.3	11.8	9.34	6.53	---	1971
1972	3.70	1.72	---	---	---	---	---	36.3	22.1	9.75	6.14	5.25	---	1972
1973	4.81	4.35	4.75	5.89	254	105	78.0	38.8	32.8	25.4	16.6	9.55	38.8	1973
1974	6.57	3.73	2.66	3.12	161	156	81.8	36.3	25.4	21.9	18.3	14.8	44.5	1974
1975	11.3	7.88	4.84	---	---	---	---	---	---	---	---	7.34	---	1975
1976	5.95	5.01	4.08	---	---	91.4	36.5	21.4	16.9	7.52	4.38	3.79	---	1976
1977	2.97	1.97	1.74	---	---	---	39.9	14.7	8.94	5.84	4.40	2.67	---	1977
1978	2.11	1.91	1.78	1.76	75.2	91.9	57.0	29.0	15.2	9.23	4.73	4.27	24.6	1978
1979	3.36	2.04	1.75	2.34	155	117	42.6	20.9	13.6	12.1	5.31	3.09	31.8	1979
1980	2.74	2.58	2.47	5.05	114	73.3	41.4	24.3	29.2	27.2	11.5	8.20	28.6	1980
1981	---	---	---	---	---	50.4	41.9	18.4	9.58	10.6	7.61	5.20	---	1981
1982	3.81	2.76	2.00	1.88	155	176	62.5	42.6	43.1	44.2	26.1	18.0	48.4	1982
MEAN	5.37	3.72	3.18	3.57	142	105	54.3	31.2	26.5	21.5	12.9	8.55	38.5	MEAN

LOCATION - LAT 64 34 00 N DRAINAGE AREA, 13 500 km²
LONG 121 44 30 W NATURAL FLOW

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	---	---	---	---	1969
1970	---	130B ON MAY 10	4.16B ON MAR 5	1 350 000	1970
1971	---	---	4.50B ON MAR 22	---	1971
1972	---	---	---	---	1972
1973	---	646 ON MAY 12 *	3.96B ON FEB 19	1 540 000	1973
1974	---	538E ON MAY 18	2.42B ON FEB 28	1 400 000	1974
1975	---	---	3.88B ON APR 13	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	144 AT 01:00 MST ON MAY 26	133 ON MAY 26	1.71B ON APR 9	777 000	1978
1979	357 AT 00:50 MST ON MAY 18 *	357 ON MAY 21	1.70B ON MAR 10	1 000 000	1979
1980	---	170B ON MAY 10	2.40B ON MAR 18	905 000	1980
1981	---	---	---	---	1981
1982	---	368B ON MAY 19	1.68B ON APR 1 *	1 530 000	1982
				1 210 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10KA006

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO NOV IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0	0	0	0.007	2.29	0.898	0.185	1.71	0.392	0.196	0.019	0	0.719	1980
1981	---	---	---	---	---	0.343	0.358	0.139	0.148	0.287	0.059	0.005	---	1981
1982	0	0	0	0	4.57	1.99	0.305	0.907	0.539	0.420	0.082	0.001	1.11	1982
MEAN	0	0	0	0.004	3.43	1.08	0.283	0.919	0.360	0.301	0.053	0.002	0.915	MEAN

LOCATION - LAT 65 03 46 N
LONG 126 04 07 W NATURAL FLOW

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10KA006

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO NOV FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	8.83 AT 16:30 MST ON AUG 16 *	8.36 ON MAY 12	0B ON APR 1 *	15 200	1980
1981	---	---	---	---	1981
1982	---	12.3 B ON MAY 19 *	0B ON APR 1	23 300	1982
				19 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	172	101	76.4	65.4	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	100	85.0	60.3	---	1963
1964	39.5	23.1	12.8	11.7	73.9	147	65.8	37.9	46.1	70.1	75.5	50.4	54.5	1964
1965	32.5	23.9	19.7	17.1	56.9	113	72.0	62.5	51.7	50.2	41.0	31.2	47.8	1965
1966	24.7	19.0	14.5	13.4	64.2	139	91.1	51.5	38.9	34.8	30.2	21.9	45.4	1966
1967	14.4	11.0	9.23	9.17	35.4	167	105	65.3	44.8	36.5	28.2	21.7	45.7	1967
1968	14.7	12.3	8.69	7.25	32.1	70.7	48.0	63.8	63.4	58.0	42.0	30.2	37.6	1968
1969	21.1	15.5	13.1	13.2	63.3	102	51.9	28.5	24.8	29.2	24.6	16.4	33.7	1969
1970	12.1	10.2	8.19	8.21	54.6	95.0	50.2	31.4	25.6	23.8	16.9	11.6	29.0	1970
1971	11.2	11.3	9.39	7.43	40.2	47.3	---	---	16.5	13.6	9.09	8.43	---	1971
1972	5.03	3.55	2.66	5.15	28.1	108	70.3	39.3	27.0	22.1	18.2	14.8	28.7	1972
1973	12.7	10.7	9.06	8.24	24.6	31.9	23.6	27.1	35.5	25.2	14.4	13.2	19.7	1973
1974	11.1	8.62	7.17	10.0	34.9	95.3	65.9	50.8	46.4	42.8	35.5	28.3	36.5	1974
1975	18.4	14.6	9.73	10.5	66.3	106	55.4	35.6	51.7	59.8	50.6	39.8	43.3	1975
1976	26.6	19.4	15.0	19.7	128	179	126	70.7	97.9	124	86.7	48.8	78.6	1976
1977	29.3	21.1	15.3	12.9	29.4	78.4	75.8	65.8	61.3	54.9	44.0	34.0	43.6	1977
1978	22.3	14.5	10.8	8.49	23.6	41.7	28.8	30.0	34.0	31.6	22.9	16.7	23.8	1978
1979	15.1	12.4	11.0	9.60	16.1	152	120	60.0	45.1	42.5 R	28.7 R	14.5 R	44.0 R	1979
1980	8.22	6.62	5.38	5.32	7.11	4.36	2.28	2.73	4.14	4.44	1.92	0.547	4.42	1980
1981	0.888	1.82	2.48	5.11	32.1	45.6	---	---	---	9.08	7.12	5.85	---	1981
1982	5.23	6.15	6.60	6.38	38.6	172	111	50.9	38.0	28.9	20.3	21.1	42.1	1982
MEAN	17.1	12.9	10.0	9.94	44.7	99.8	74.2	48.6	43.6	44.1 R	34.1 R	24.5 R	38.7	MEAN

LOCATION - LAT 60 56 15 N DRAINAGE AREA, 14 900 km²
LONG 117 25 00 W NATURAL FLOW

R - REVISED SINCE JAN 1980

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	208 ON JUN 28 *	---	---	1962
1963	---	---	---	---	1963
1964	---	168 ON JUN 12	9.51 B ON APR 16	1 720 000	1964
1965	---	128 ON JUN 18	15.9 ON APR 13	1 500 000	1965
1966	---	161 ON JUN 21	12.0 ON APR 9	1 430 000	1966
1967	202 AT 22:10 MST ON JUN 19	187 ON JUN 17	8.21 ON MAY 1	1 440 000	1967
1968	99.4 AT 18:00 MST ON SEP 28	81.8 ON JUN 13	6.57 ON APR 25	1 190 000	1968
1969	138 AT 23:00 MST ON JUN 8	117 ON JUN 7	10.5 ON APR 7	1 060 000	1969
1970	131 AT 07:00 MST ON JUN 5	110 ON JUN 5	6.57 B ON APR 6	916 000	1970
1971	---	71.9 ON JUN 3	6.12 B ON APR 16	---	1971
1972	---	121 ON JUN 16	2.27 B ON MAR 15	906 000	1972
1973	57.5 AT 10:00 ON SEP 9	45.3 ON SEP 9	7.25 B ON APR 18	622 000	1973
1974	129 AT 21:00 MST ON JUN 24	106 ON JUN 19	6.80 B ON MAR 8	1 150 000	1974
1975	137 AT 20:00 MST ON JUN 11	126 ON JUN 11	7.70 B ON MAR 30	1 370 000	1975
1976	218 AT 19:15 MST ON JUN 24 *	193 ON JUN 18	12.2 B ON APR 15	2 490 000	1976
1977	---	94.6 ON JUN 25	12.0 ON APR 12	1 380 000	1977
1978	62.3 AT 16:00 MST ON JUN 15	47.9 ON JUN 5	7.62 ON APR 27	751 000	1978
1979	197 AT 10:57 MST ON JUN 24	196 ON JUN 24	8.91 B ON APR 19	1 390 000R	1979
1980	---	9.44 ON JAN 1	0.208B ON DEC 17 *	140 000	1980
1981	62.3 AT 09:09 MST ON JUN 4	57.7 ON JUN 4	0.570B ON JAN 1	---	1981
1982	200 AT 11:23 MST ON JUN 23	193 ON JUN 26	4.92 B ON JAN 15	1 330 000	1982
MEAN				1 220 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 06LC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	748	492	350	215	89.7	---	1965
1966	76.4	71.3	65.2	59.6	59.8	1 310	1 400	981	602	426	285	131	458	1966
1967	124	120	113	105	104	848	966	774	536	423	316	219	389	1967
1968	154	119	107	98.9	94.3	1 050	1 800	1 120	972	---	---	---	---	1968
1969	---	---	---	218	299	451	1 140	1 010	704	458	260	113	---	1969
1970	45.5	36.3	41.3	57.0	70.4	863	849	766	856	673	484	366	427	1970
1972	30.5	29.0	27.2	42.8	176	631	1 120	678	599	490	379	284	375	1972
1973	219	164	117	134	382	1 170	908	628	488	350	171	97.8	404	1973
1974	70.8	50.6	38.3	52.6	350	860	646	559	503	336	239	160	323	1974
1975	90.3	42.7	46.8	63.1	393	1 730	1 280	796	501	267	166	113	459	1975
1976	62.6	48.2	31.5	58.7	175	1 240	1 260	794	489	261	109	34.5	381	1976
1977	49.9	65.3	71.1	85.8	151	925	880	660	514	426	326	263	370	1977
1978	223	175	165	165	182	1 020	1 560	1 100	732	399	264	213	518	1978
1979	148	84.8	57.2	75.3	211	1 010	1 350	913	568	320	214	138	427	1979
1980	98.7	87.2	77.1	68.3	245	961	567	445	535R	342R	240R	209 R	323R	1980
1981	194	185	179	176	183	818	1 280	988	634	418	241	142	455	1981
1982	79.0	49.3	46.8	46.1	46.3	625	1 040	772	582	491	413	371	382	1982
MEAN	111	88.5	78.9	94.1	195	970	1 130	808	606R	402R	270R	184 R	407	MEAN

LOCATION - LAT 63 39 00 N DRAINAGE AREA, 72 300 km²
LONG 95 51 15 W NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - THE MAXIMUM DISCHARGE MEASURED WAS 2920 m^3/s ON JUL 19 1962

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 06LC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	1 810E ON JUN 15	56.6B ON MAY 1	14 400 000	1966
1967	---	1 470 ON JUN 22	94.0B ON APR 18	12 300 000	1967
1968	---	2 090E ON JUL 4 *	90.6B ON MAY 24	---	1968
1969	---	---	---	---	1969
1970	1 360 AT 07:00 CST ON JUN 11	1 290 ON JUN 11	34.3B ON FEB 26	13 500 000	1970
1972	---	1 390E ON JUL 5	25.8B ON APR 8	11 900 000	1972
1973	---	1 890 ON JUN 5	71.1B ON DEC 31	12 700 000	1973
1974	---	1 090E ON JUN 4	33.1A ON MAR 11	10 200 000	1974
1975	2 080 AT 09:49 CST ON JUN 3 *	1 930 ON JUN 3	31.1B ON FEB 15	14 500 000	1975
1976	---	1 490 ON JUN 21	18.3B ON MAR 10 *	12 100 000	1976
1977	---	1 260B ON JUN 19	38.2B ON JAN 1	11 700 000	1977
1978	---	1 840B ON JUN 28	158 B ON MAR 17	16 300 000	1978
1979	---	1 530E ON JUL 3	52.7B ON MAR 24	13 500 000	1979
1980	1 600 AT 12:00 CST ON JUN 12	1 600 ON JUN 12	65.3B ON APR 25	10 200 000R	1980
1981	---	1 350 ON JUL 15	107 B ON DEC 31	14 400 000	1981
1982	1 180 AT 12:35 CST ON JUN 28	1 170 ON JUN 29	46.0B ON APR 18	12 100 000	1982
				12 800 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 06LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	159	156	---	---	---	---	---	1963
1965	---	---	---	---	---	---	---	142	115	101	90.8	---	---	1965
1966	---	---	---	---	77.6	233	228	159	129	118	107	90.0	---	1966
1967	77.3	66.5	57.9	63.9	70.9	147	200	173	154	153	134	121	119	1967
1968	117	115	115	113	102	296	355	300	282	376	297	211	224	1968
1969	177	162	146	131	117	169	199	167	133	104	85.8	75.1	139	1969
1970	71.6	67.5	60.0	55.7	55.1	112	121	120	113	106	94.8	84.4	88.6	1970
1971	79.4	76.9	70.4	64.7	88.1	120	114	88.0	66.3	59.7	56.3	52.9	78.1	1971
1972	49.3	45.9	46.4	59.1	69.3	150	149	167	199	198	162	131	119	1972
1973	107	91.0	86.9	96.0	134	208	174	134	102	86.5	69.6	61.9	113	1973
1974	62.3	55.4	49.8	47.6	58.2	92.8	91.6	102	100	89.7	82.8	76.3	75.9	1974
1975	67.9	61.7	64.8	68.2	96.1	158	161	127	95.9	86.1	87.1	81.0	96.5	1975
1976	76.5	70.9	65.5	60.4	141	329	216	148	122	99.7	91.6	84.2	125	1976
1977	80.9	79.1	74.7	72.4	111	247	205	183	213	217	186	157	153	1977
1978	128	110	97.5	91.0	106	201	241	206	164	133	115	99.4	141	1978
1979	83.9	74.2	70.3	82.0	113	192	189	142	116 R	101 R	88.3R	77.6R	111 R	1979
1980	70.6	65.7	60.7	58.3	83.5	98.0	97.9	105 R	145 R	141 R	119 R	101 R	95.5R	1980
1981	87.0	77.1	70.1	67.3	93.6	220	222	177	127	104	87.9	77.1	118	1981
1982	68.6	61.7	55.7	49.9	72.1	256	251	192	152	137	122	103	127	1982
MEAN	87.8	80.0	74.5	73.8	93.4	190	187	157 R	140 R	134 R	115 R	99.1R	120	MEAN

LOCATION - LAT 61 15 40 N
LONG 100 58 20 W

DRAINAGE AREA, 21 300 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - STAGE-DISCHARGE RELATIONSHIP REFERRED TO STAGE AT STATION NO. 06LA002 SINCE 1978

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 06LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1965	---	---	---	---	1965
1966	261 AT 18:00 CST ON JUN 30	261 ON JUN 30	---	---	1966
1967	218 AT 09:00 CST ON JUL 25	207 ON JUL 2	56.4B ON MAR 6	3 740 000	1967
1968	---	399E ON OCT 11 *	93.2B ON MAY 23	7 070 000	1968
1969	213 AT 08:00 CST ON JUN 29	212 ON JUN 29	71.6B ON DEC 29	4 370 000	1969
1970	163 AT 10:00 CST ON AUG 10	140 ON AUG 10	51.5 ON MAY 16	2 790 000	1970
1971	---	127 ON JUN 23	51.3B ON DEC 30	2 460 000	1971
1972	---	225 ON OCT 3	43.3B ON MAR 9 *	3 760 000	1972
1973	---	219 ON JUN 14	58.9B ON DEC 27	3 550 000	1973
1974	---	108 ON AUG 14	46.4B ON APR 26	2 390 000	1974
1975	---	169 ON JUL 18	60.0B ON FEB 16	3 040 000	1975
1976	---	365E ON JUN 5	56.6B ON MAY 7	3 970 000	1976
1977	---	270E ON JUN 15	71.1B ON APR 21	4 810 000	1977
1978	292 AT 04:43 CST ON JUL 19 *	252 ON JUL 19	88.1 ON MAY 3	4 450 000	1978
1979	---	223E ON JUN 18	69.9B ON MAR 24	3 500 000R	1979
1980	---	156R ON SEP 19	---	3 020 000R	1980
1981	242 AT 21:00 CST ON JUL 4	236 ON JUL 4	65.7 ON MAY 14	3 720 000	1981
1982	280 AT 08:00 CST ON JUN 24	279 ON JUN 23	45.5B ON MAY 15	4 010 000	1982
				3 790 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	11.5	3.53	1.06	---	1969
1970	0.012	0	---	---	---	---	---	17.8	47.8	18.0	6.03	1.13	---	1970
1971	---	---	---	---	---	---	33.0	16.0	19.1	11.1	1.35	0	---	1971
1972	---	---	---	---	---	---	---	10.5	3.12	0.427	0.029	---	---	1972
1973	0	0	0	0	---	---	18.5	46.8	25.2	11.4	1.97	0	---	1973
1974	0	0	0	0	---	---	31.9	11.9	5.42	0.273	0	0	---	1974
1975	0	0	0	0	---	---	30.2	7.84	4.30	0..31	0	0	---	1975
1976	0	0	0	0	0	---	28.2	16.4	8.69	4.85	0.128	0	---	1976
1977	0	0	0	0	---	---	---	---	---	19.3	3.80	0	---	1977
1978	0	0	0	0	0	79.5	65.8	13.1	3.68	0.796	0.010	0	27.0	1978
1979	0	0	0	0	7.12	66.4	28.3	8.62	4.61	1.32	0.112	0	19.2	1979
1980	0	0	0	0	3.11	106	31.9	12.5	8.85	3.27	0.729	0	27.3	1980
1981	---	---	---	---	---	---	---	14.5	16.5	11.0	1.79	0.020	---	1981
1982	0	0	0	0	0.552	137	51.2	18.8	10.2	2.94	0.248	0	36.4	1982
MEAN	0.001	0	0	0	2.16	97.2	35.4	16.2	13.1	6.93	1.41	0.170	27.5	MEAN

LOCATION - LAT 67 13 00 N LONG 116 31 30 W DRAINAGE AREA, 2 800 km² NATURAL FLOW

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	73.6 ON SEP 8	9.43 ON OCT 31	---	1970
1971	---	---	4.11 B ON OCT 31	---	1971
1972	---	---	0.102B ON OCT 31	---	1972
1973	---	---	6.23 B ON OCT 31	---	1973
1974	---	---	---	---	1974
1975	---	---	0 B ON OCT 28 *	---	1975
1976	---	---	0 B ON MAY 1	---	1976
1977	---	---	0 B ON MAY 1	---	1977
1978	142 AT 15:10 MST ON JUN 25	141 ON JUN 26	0 B ON MAY 1	429 000	1978
1979	106 AT 17:00 MST ON JUN 15	102 ON JUN 15	0 B ON MAY 1	305 000	1979
1980	190 AT 19:30 MST ON JUN 15 *	187 ON JUN 15	0 B ON MAY 1	435 000	1980
1981	---	---	---	---	1981
1982	---	397 ON JUN 18 *	0 B ON MAY 1	579 000	1982
MEAN				437 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 06HD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	71.7	59.1	---	---	---	---	---	1977
1979	---	---	---	---	---	---	---	53.7R	37.5R	27.6R	---	---	---	1979
1980	---	---	---	---	---	---	52.4	42.2R	---	---	44.2R	24.0R	---	1980
1981	14.9	---	---	---	16.8	280	152	63.0	39.3	30.1	17.5	10.1	---	1981
1982	5.78	3.40	1.81	0.897	0.561	120	96.3	48.1	44.7	49.4	31.9	15.4	35.0	1982
MEAN	10.3	3.40	1.81	0.897	8.68	200	93.1	53.2R	40.5R	35.7R	31.2R	16.5R	35.0	MEAN

LOCATION - LAT 61 15 20 N LONG 98 27 50 W DRAINAGE AREA, 7 560 km² NATURAL FLOW

R - REVISED SINCE JAN 1980

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 06HD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1979	---	---	---	---	1979
1980	---	---	---	---	1980
1981	---	328E ON JUN 8 *	0.966 ON MAY 19	---	1981
1982	---	167 ON JUN 21	0.400B ON MAY 25 *	1 100 000	1982
MEAN				1 100 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 06LC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	5.84	4.90	3.96	2.32	41.3	181	173	142	122	98.3	43.2	18.6	70.0	1977
1978	19.1	21.3	31.0	19.2	23.1	108	294	236	150	83.9	33.0	18.9	87.2	1978
1979	11.4	11.5	12.5	13.7	17.8	112	178	154	112	79.7	52.6	34.7	66.2	1979
1980	22.7	15.1	10.0	6.63	14.5	88.0	183	123	126R	93.9R	67.1R	50.1R	63.5R	1980
1981	37.5	28.5	21.5	16.2	12.3	80.0	170	158	112	53.9	27.2	16.5	61.4	1981
1982	7.08	0	0	0	0	99.5	184	166	120	57.3	19.4	16.4	56.3	1982
MEAN	17.3	13.6	13.2	9.68	18.2	111	190	163	124R	77.8R	40.4R	25.9R	67.4	MEAN

LOCATION - LAT 63 48 00 N DRAINAGE AREA, 12 100 km²
LONG 97 24 00 W NATURAL FLOW

R - REVISED SINCE JAN 1980

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 06LC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	189 ON JUN 11	0.906B ON APR 4	2 210 000	1977
1978	---	303E ON JUL 6 *	9.63 B ON JAN 13	2 750 000	1978
1979	198 AT 13:36 CST ON JUL 24	192 ON JUL 26	10.9 B ON JAN 1	2 090 000	1979
1980	---	153 ON JUL 14	5.40 B ON APR 30	2 010 000R	1980
1981	205 AT 06:07 CST ON JUL 19 *	200 ON JUL 19	11.0 B ON MAY 27	1 940 000	1981
1982	191 AT 01:09 CST ON JUL 29	189 ON JUL 24	0 B ON JAN 30 *	1 780 000	1982
				2 130 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 1980

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	16.0	---	---	---	---	35.1	30.0	24.4	20.0	16.6	---	1975
1976	14.5	13.3	---	---	---	---	31.5	28.5	23.7	21.2	17.3	12.8	---	1976
1977	11.0	9.70	11.4	18.5	20.6	25.3	23.9	20.1	18.5	19.3	16.6	14.4	17.5	1977
1978	13.8	13.2	9.74	12.7	20.3	29.2	30.0	26.1	22.4	22.9	17.7	15.2	19.5	1978
1979	14.5	13.1	11.0	15.2	25.3	35.8	33.8	28.1	24.4	22.0	17.2	14.0	21.2	1979
1980	11.8	9.80	7.81	9.03	26.2	35.3	31.0	27.7	25.4	21.5	18.3	16.9	20.1	1980
1981	15.8	15.6	16.0	17.7	30.8	38.3	35.6	29.9	25.4	24.7	24.6	21.3	24.7	1981
1982	17.1	13.8	13.3	16.1	24.5	39.0	38.3	32.5	28.9	24.4	23.0	22.6	24.5	1982
MEAN	14.1	12.6	12.2	14.9	24.6	33.8	32.0	28.5	24.8	22.6	19.3	16.7	21.3	MEAN

LOCATION - LAT 63 06 27 N DRAINAGE AREA, 15 900 km²
LONG 116 58 20 W NATURAL FLOW

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	11.5 B ON DEC 31	---	1976
1977	---	28.9 ON JUL 1	9.34B ON FEB 24	552 000	1977
1978	34.0 AT 21:35 MST ON JUN 16	32.8 ON JUN 17	9.00B ON MAR 19	614 000	1978
1979	---	37.1E ON JUN 18	10.3 B ON MAR 27	669 000	1979
1980	---	36.7E ON JUN 14	6.60B ON APR 10 *	635 000	1980
1981	42.6 AT 13:05 MST ON JUL 5	41.9 ON JUL 5	15.5 B ON FEB 2	779 000	1981
1982	45.4 AT 19:53 MST ON JUN 26 *	45.0 ON JUN 26 *	12.7 B ON FEB 27	774 000	1982
				671 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LENED CREEK NEAR SOUTH NAHANNI RIVER - STATION NO. 10EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	0.717	0.891	0.449	0.240	0.226	---	1982
MEAN	---	---	---	---	---	---	---	0.717	0.891	0.449	0.240	0.226	---	MEAN

LOCATION - LAT 62 21 45 N
LONG 128 39 45 W NATURAL FLOW

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	1 450R	---	---	---	1943
1944	---	---	---	---	2 070R	4 670R	3 220R	2 650R	1 580R	1 560R	---	---	---	1944
1945	---	---	---	---	3 630R	5 090R	3 320R	1 700R	1 130R	1 170R	---	---	---	1945
1946	---	---	---	---	2 670R	3 550R	3 010R	1 920R	1 290R	988R	---	---	---	1946
1947	---	---	---	---	4 500R	5 890R	3 530R	2 610R	1 810R	1 520R	---	---	---	1947
1948	---	---	---	---	---	4 490R	2 900R	2 090R	2 110R	1 380R	---	---	---	1948
1949	---	---	---	---	3 300R	5 890R	6 000R	4 260R	2 170R	1 730R	---	---	---	1949
1950	---	---	---	---	3 450R	3 520R	2 380R	1 880R	1 230R	845R	---	---	---	1950
1951	---	---	---	---	5 440R	4 260R	3 310R	1 560R	990R	608R	---	---	---	1951
1952	---	---	---	---	2 200R	4 060R	4 380R	2 130R	2 140R	2 040R	---	---	---	1952
1953	---	---	---	---	3 480R	4 330R	3 700R	2 240R	1 840R	1 270R	---	---	---	1953
1954	---	---	---	---	---	6 320R	3 730R	2 400R	1 350R	1 030R	---	---	---	1954
1955	---	---	---	---	2 210R	4 010R	6 250R	3 050R	1 430R	985R	---	---	---	1955
1956	---	---	---	---	2 030R	5 190R	---	---	1 620R	901R	---	---	---	1956
1957	---	---	---	---	3 410R	5 900R	5 610R	3 060R	1 360R	993R	---	---	---	1957
1958	---	---	---	---	2 270R	3 210R	2 140R	1 370R	1 200R	1 230	---	---	---	1958
1959	---	---	---	---	---	5 510	3 220	2 740	2 370	1 420	571	485	---	1959
1960	430	327	296	300	3 340	6 240	5 290	2 670	2 480	1 600	1 160	673	2 070	1960
1961	436	364	325	338	5 540	7 710	3 490	1 650	1 500	1 440	596	481	2 000	1961
1962	396	340	259	292	---	---	---	---	---	---	---	---	---	1962
1965	---	---	---	---	---	---	---	---	1 930	1 650	598	322	---	1965
1966	289	231	213	277	2 570	4 640	4 880	2 600	1 600	1 440	572	363	1 650	1966
1967	370	347	256	333	3 590	6 430	3 770	2 240	1 560	1 490	847	508	1 820	1967
1968	396	330	297	359	3 220	5 390	5 480	3 180	2 990	1 850	681	504	2 060	1968
1969	354	246	228	410	3 200	4 430	2 120	2 330	2 520	1 600	839	557	1 610	1969
1970	435	308	321	527	3 590	5 710	3 180	2 380	2 070	1 880	931	538	1 830	1970
1971	387	336	310	351	2 130	7 450	4 220	1 620	1 600	1 070	838	294	1 690	1971
1972	228	182	183	262	3 230	7 140	3 810	3 080	1 730	1 620	556	426	1 870	1972
1973	289	296	313	707	3 720	7 050	4 740	2 450	2 430	1 280	527	419	2 020	1973
1974	321	278	272	721	4 360	5 210	6 280	4 130	2 140	2 010	662	544	2 260	1974
1975	493	415	347	529	2 520	5 630	5 460	3 430	1 740	1 260	461	420	1 909	1975
1976	391	356	313	405	3 750	7 860	7 500	5 470	3 070	1 670	889	394	2 68[illegible]	1976
1977	447	496	420	504	4 250	9 060	5 330	3 200	2 030	1 500	441	281	2 340	1977
1978	286	300	336	402	2 760	3 880	2 590	2 420	2 480	1 760	858	465	1 550	1978
1979	379	316	292	357	3 000	6 630	6 400	2 540	2 300	1 490	440	298	2 050	1979
1980	326	306	262	454	2 270	4 400	4 270	2 560	2 280	2 510	910	458	1 700	1980
1981	---	---	---	344	5 190	5 530	3 030	1 680	1 960	1 410	770	---	--	1981
1982	---	---	---	312	4 790	5 670	2 780	1 990	1 690	1 220	513	460	---	1982
MEAN	370	321	293	409	3 370R	5 480R	4 170R	2 570R	1 880R	1 430R	679	445	1 950	MEAN

LOCATION - LAT 60 14 35 N DRAINAGE AREA, 222 000 km²
LONG 123 28 45 W NATURAL FLOW

R - REVISED SINCE JAN 1980

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	---	---	---	1943
1944	---	6 230R ON JUN 13	---	---	1944
1945	---	6 770R ON JUN 12	---	---	1945
1946	---	5 570R ON MAY 31	---	---	1946
1947	---	7 920R ON JUN 1	---	---	1947
1948	---	9 710R ON MAY 27	---	---	1948
1949	---	8 610R ON JUL 19	---	---	1949
1950	---	5 610R ON MAY 12	---	---	1950
1951	---	8 230R ON MAY 8	---	---	1951
1952	---	7 230R ON JUL 3	---	---	1952
1953	---	6 050R ON JUL 27	---	---	1953
1954	---	7 370R ON MAY 21	---	---	1954
1955	---	9 310R ON JUL 4	---	---	1955
1956	---	---	---	---	1956
1957	---	9 120R ON MAY 26	---	---	1957
1958	---	4 310R ON JUN 11	---	---	1958
1959	---	6 800 ON JUN 18	---	---	1959
1960	---	8 670 ON JUN 26	259B ON APR 15	65 600 000	1960
1961	---	12 000 ON MAY 28	311B ON APR 1	63 000 000	1961
1962	---	---	---	---	1962
1965	---	---	---	---	1965
1966	6 480 AT 10:00 MST ON JUL 13	6 400 ON JUL 13	210B ON MAR 15	52 000 000	1966
1967	7 390 AT 21:00 MST ON JUN 9	7 330 ON JUN 9	249B ON MAR 9	57 400 000	1967
1968	9 230 AT 03:00 MST ON JUL 16	9 090 ON JUL 16	286B ON APR 8	65 300 000	1968
1969	---	6 230 ON MAY 28	208B ON MAR 31	50 800 000	1969
1970	7 960 AT 07:45 MST ON JUN 13	7 840 ON JUN 13	297B ON FEB 5	57 700 000	1970
1971	10 400 AT 09:00 MST ON JUN 19	10 400 ON JUN 19	258B ON DEC 31	53 200 000	1971
1972	10 100 AT 17:00 MST ON JUN 3	10 000 ON JUN 3	172B ON FEB 19 *	59 200 000	1972
1973	11 500 AT 13:00 MST ON JUN 19	11 300 ON JUN 19	278B ON JAN 24	63 900 000	1973
1974	12 600 AT 22:30 MST ON JUL 19	12 500 ON JUL 19	263B ON NOV 23	71 300 000	1974
1975	---	12 600 ON JUL 1	326B ON APR 2	60 000 000	1975
1976	12 000 AT 19:40 MST ON JUN 12	11 800 ON JUN 12	306B ON MAR 28	84 700 000	1976
1977	14 600 AT 23:00 MST ON JUN 4 *	14 200 ON JUN 5 *	241B ON NOV 13	73 800 000	1977
1978	4 980 AT 11:40 MST ON JUN 8	4 960 ON JUN 8	278B ON JAN 1	48 800 000	1978
1979	11 500 AT 17:40 MST ON JUL 5	11 500 ON JUL 5	225B ON NOV 14	64 500 000	1979
1980	---	6 510 ON JUL 25	250B ON MAR 21	55 500 000	1980
1981	9 530 AT 20:30 MST ON MAY 29	9 460 ON MAY 30	---	---	1981
1982	11 100 AT 18:07 MST ON MAY 20	11 000 ON MAY 20	---	---	1982
MEAN				61 600 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	9 890	5 680	4 180	2 180	1 820	688	640	---	1972
1973	460	394	387	606	8 840	9 350	5 490	2 900	2 930	1 520	651	492	2 510	1973
1974	375	322	321	448	5 520	6 880	7 230	5 570	2 770	2 270	791	556	2 770	1974
1975	564	486	411	596	3 230	7 030	7 340	4 490	2 380	1 610	634	598	2 460	1975
1976	504	444	418	687	6 660	7 720	9 130	5 910	3 700	1 880	1 010	607	3 070	1976
1977	600R	601R	598R	748R	8 510R	11 000R	6 640R	4 280R	2 530R	1 790R	593R	371R	2 870R	1977
1978	417	376	397	382	2 880	5 030	3 520	2 920	2 620	1 710	517	359	1 770	1978
1979	337	351	379	423	3 380	8 480	7 990	3 620	2 840	1 750	490	360	2 540	1979
1980	395	385	316	446	2 550	5 180	5 070	3 260	2 710	2 920	1 020	590	2 080	1980
1981	559	446	424	615	5 830	7 040	3 710	2 050	2 390	1 590	904	671	2 180	1981
1982	541	422	401	394	5 220	6 720	3 350	2 350	1 760	1 080	496	597	1 950	1982
MEAN	475R	423R	405R	515R	4 260R	7 620R	5 920R	3 770R	2 620R	1 810R	709R	531R	2 420	MEAN

LOCATION - LAT 61 44 50 N DRAINAGE AREA, 277 000 km^2
LONG 121 13 25 W NATURAL FLOW

R - REVISED SINCE JAN 1980

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	13 800 AT 23:00 MST ON JUN 3	13 600 ON JUN 4	---	---	1972
1973	15 200 AT 01:00 MST ON JUN 21	15 000 ON JUN 20	382B ON MAR 8	79 100 000	1973
1974	12 900 AT 17:00 MST ON JUL 21	12 900 ON JUL 21	300B ON NOV 24	87 500 000	1974
1975	14 500 AT 14:00 MST ON JUL 2	14 500 ON JUL 2	379B ON APR 4	77 600 000	1975
1976	---	11 100 ON JUL 6	396B ON APR 9	97 000 000	1976
1977	16 200R AT 17:50 MST ON JUN 6 *	16 100R ON JUN 6 *	368RB ON NOV 15	90 500 000R	1977
1978	6 120 AT 17:10 MST ON JUN 11	6 120 ON JUN 11	328B ON NOV 10	55 700 000	1978
1979	13 300 AT 03:00 MST ON JUL 7	13 200 ON JUL 7	260B ON NOV 17 *	80 300 000	1979
1980	7 130 AT 19:00 MST ON JUN 12	7 010 ON JUL 20	310B ON MAR 21	65 600 000	1980
1981	11 500 AT 19:50 MST ON MAY 31	11 300 ON MAY 31	410B ON APR 24	68 600 000	1981
1982	---	12 900A ON MAY 21	364B ON NOV 17	61 600 000	1982
MEAN				76 400 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LITTLE BUFFALO RIVER NEAR PINE POINT HIGHWAY - STATION NO. 07PB002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	1.30	0.422	0.282	0.702	1.04	---	---	---	1965
1966	---	---	---	---	---	13.9	5.77	3.47	0.930	0.596	---	---	---	1966
1967	---	---	---	---	14.2	11.6	6.18	10.4	4.67	6.11	---	---	8.86	1967
1968	---	---	---	---	22.8	16.7	15.9	16.5	14.9	7.03	---	---	15.6	1968
1969	---	---	---	---	12.0	4.22	0.471	0.258	0.353	0.684	---	---	3.01	1969
1970	---	---	---	---	7.93	4.96	0.405	0.171	0.279	0.524	---	---	2.37	1970
1971	---	---	---	---	4.86	1.26	0.058	0.064	0.103	0.146	---	---	1.09	1971
1972	---	---	---	---	4.99	2.31	0.666	0.086	0.134	0.141	---	---	1.39	1972
1973	0	0	0	0.719	2.70	2.01	4.32	9.66	8.90	4.58	1.73	0.665	5.36	1973
1974	---	---	---	---	18.3	6.58	5.59	2.01	1.44	1.63	---	---	5.27	1974
1975	---	---	---	1.52	8.72	8.31	3.10	4.21	14.0	11.7	5.19	2.00	6.98	1975
1976	---	---	---	---	13.3	6.06	4.60	6.95	4.28	3.02	---	---	6.38	1976
1977	---	---	---	---	3.63	3.40	2.79	3.27	3.33	3.87	---	---	3.38	1977
1978	---	---	---	---	6.16	0.999	0.818	0.261	1.16	2.58	1.75	---	1.67	1978
1979	---	---	---	---	15.0	8.03	1.95	0.645	0.348	0.578	---	---	4.43	1979
1980	---	---	---	---	1.31	0.387	0.121	0.077	0.121	0.306	---	---	0.382	1980
1981	---	---	---	---	3.32	0.313	---	---	---	---	---	---	---	1981
1982	---	---	---	0.586	1.38	0.249	0.100	0.030	0.151	0.156	0.115	---	0.346	1982
MEAN	0	0	0	0.942	8.16	4.92	3.13	3.43	3.28	2.63	2.20	1.33	4.43	MEAN

LOCATION - LAT 60 02 54 N DRAINAGE AREA, 3 600 km^2
LONG 112 41 59 W NATURAL FLOW

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOWN TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD

LITTLE BUFFALO RIVER NEAR PINE POINT HIGHWAY - STATION NO. 07PB002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	17.1 B ON MAY 11	2.61 B ON MAY 1	141 000	1967
1968	---	31.4 B ON MAY 6 *	5.24 B ON OCT 31	249 000	1968
1969	---	17.2 E ON MAY 1	0.178 ON AUG 6	47 800	1969
1970	---	12.7 ON MAY 1	0.076 ON JUL 21	37 700	1970
1971	---	6.65E ON MAY 1	0.005A ON JUL 12	17 200	1971
1972	---	6.85B ON MAY 4	0.042 ON SEP 10	22 100	1972
1973	---	11.4 ON AUG 5	1.51 ON JUN 29	85 300	1973
1974	---	18.9 E ON MAY 1	1.29 ON SEP 15	83 900	1974
1975	---	16.0 ON AUG 31	0.521 ON AUG 22	111 000	1975
1976	---	22.9 ON MAY 1	2.43 B ON OCT 31	101 000	1976
1977	---	6.00 ON MAY 2	1.51 ON JUL 17	53 800	1977
1978	---	9.97E ON MAY 5	0.147 ON AUG 27	26 600	1978
1979	---	30.8 ON MAY 16	0.080B ON OCT 31	70 400	1979
1980	---	8.42 ON MAY 1	0.037 ON JUL 11	6 070	1980
1981	---	---	---	---	1981
1982	---	2.15 ON MAY 21	0 ON AUG 23 *	5 490	1982
MEAN				70 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1944	---	---	---	---	---	---	---	190	186	---	---	---	---	1944
1945	---	---	---	---	---	---	---	122	125	123	120	116	---	1945
1946	109	99.3	87.6	81.2	81.8	90.3	99.5	101	99.0	96.1	93.0	88.4	93.9	1946
1947	81.6	73.2	67.4	64.3	64.3	79.0	99.8	121	125	113	122	120	94.2	1947
1948	110	98.7	85.2	75.5	79.9	99.5	124	142	157	164	164	158	122	1948
1949	145	124	107	96.7	95.0	107	149	166	159	---	---	---	---	1949
1963	---	---	---	---	81.2	107	139	178	208	238	227	210	---	1963
1964	184	157	134	120	117	152	184	205	199	175	154	136	160	1964
1965	120	102	89.3	81.5	75.2	95.8	140	164	162	---	---	---	---	1965
1966	---	---	---	---	85.0	115	129	149	161	152	---	---	---	1966
1967	110	---	85.7	79.1	71.9	94.2	119	---	158	153	141	131	---	1967
1968	119	103	93.2	91.0	84.9	104	138	159	177	189	184	175	135	1968
1969	152	129	114	102	95.7	101	119	145	161	159	153	144	131	1969
1970	134	123	108	93.7	97.9	112	123	140	154	160	156	147	129	1970
1971	133	119	107	99.5	107	128	152	164	168	166	158	146	137	1971
1972	135	126	108	89.2	83.9	107	127	146	144	130	119	108	119	1972
1973	96.3	86.6	79.0	73.6	78.8	103	114	117	122	123	119	114	102	1973
1974	103	89.9	77.5	69.7	66.3	78.6	99.0	118	122	117	117	114	97.8	1974
1975	110	102	92.4	83.7	97.8	125	147	162	160	146	130	121	123	1975
1976	109	95.9	81.1	74.5	84.6	98.4	110	115	112	104	98.1	92.7	98.0	1976
1977	83.5	75.8	69.1	63.1	70.0	107	142	159	156	144	132	121	110	1977
1978	108	94.5	83.4	74.4	69.0	93.5	119	131	130	122	117	107	104	1978
1979	97.8	87.7	78.7	72.1	70.2	110	130	143	142	128	119	111	108	1979
1980	99.9	87.6	74.4	68.9	72.2	75.9	76.1	76.1	73.1	67.4	60.7	57.0	74.1	1980
1981	55.3	51.2	48.1	45.0	48.2	71.6	91.3	106	107	99.3	90.6	86.4	75.2	1981
1982	77.6	70.0	63.0	56.6	---	---	86.8	94.4	100	96.1	88.3	83.4	---	1982
MEAN	112	99.8	87.9	79.8	81.6	102	123	141	145	138	130	122	112	MEAN

LOCATION - LAT 62 53 20 N LONG 108 28 20 W
DRAINAGE AREA, 26 700 km^2
NATURAL FLOW

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1944	---	---	---	---	1944
1945	---	125E ON AUG 16	---	---	1945
1946	---	112E ON JAN 1	80.7E ON APR 11	2 960 000	1946
1947	---	127E ON SEP 2	62.0E ON MAY 1	2 970 000	1947
1948	---	165E ON OCT 11	74.8E ON APR 11	3 850 000	1948
1949	---	167E ON AUG 11	94.0E ON MAY 1	---	1949
1963	---	246 ON OCT 18 *	77.9 ON MAY 11	---	1963
1964	---	214 ON SEP 5	112 ON MAY 13	5 050 000	1964
1965	---	169 ON AUG 21	73.1 ON MAY 21	---	1965
1966	---	166 ON SEP 16	76.7 ON MAY 11	---	1966
1967	---	162 ON SEP 19	68.5 ON MAY 24	---	1967
1968	---	191 ON OCT 15	82.4 ON MAY 31	4 260 000	1968
1969	---	168 ON NOV 6	92.3 ON MAY 28	4 180 000	1969
1970	---	168 ON OCT 1	90.0E ON APR 29	4 070 000	1970
1971	---	177 ON SEP 14	94.9 ON APR 27	4 340 000	1971
1972	156 ON SEP 4	156 ON SEP 4	81.3 ON MAY 20	3 750 000	1972
1973	140 AT 08:00 ON AUG 18	132 ON SEP 4	69.4 ON MAY 3	3 230 000	1973
1974	---	128 ON AUG 25	65.1E ON MAY 4	3 080 000	1974
1975	180 AT 21:00 MST ON AUG 30 *	173 ON AUG 30	80.1 ON APR 26	3 890 000	1975
1976	---	121 ON AUG 20	72.5E ON APR 5	3 100 000	1976
1977	---	165E ON AUG 25	59.7 ON MAY 6	3 480 000	1977
1978	139 AT 11:20 MST ON OCT 4	136 ON AUG 30	67.1 ON MAY 12	3 290 000	1978
1979	151 AT 08:48 MST ON AUG 18	149 ON AUG 18	65.8 ON MAY 18	3 390 000	1979
1980	---	106 ON JAN 1	56.5E ON DEC 11	2 350 000	1980
1981	---	116 ON AUG 28	43.0 ON APR 30 *	2 370 000	1981
1982	125 AT 18:15 MST ON SEP 11	119 ON SEP 11	---	---	1982
				3 530 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 06OA001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.310	0.182	0.053	0	0.073	18.7	389	86.2	44.6	20.1	6.58	0.703	80.7	1978
1979	0	0	0	0	0	168	120	48.4	---	---	---	---	---	1979
1980	0	0	0	0	0	99.2	---	---	355 R	55.4R	13.5 R	0.254R	---	1980
1981	---	---	0	0	0	240	237	60.9	80.9	58.4	---	---	96.6	1981
1982	---	---	0	0	0	772	599	62.0	23.7	12.4	0.663	0	209	1982
MEAN	0.103	0.061	0.011	0	0.015	260	336	64.4	126 R	36.6R	6.91 R	0.319R	129	MEAN

LOCATION - LAT 64 15 20 N, LONG 90 26 20 W — DRAINAGE AREA, 11 500 km^2 — NATURAL FLOW

R - REVISED SINCE JAN 1980

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 06OA001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	682E ON JUL 9	0B ON APR 1 *	1 490 000	1978
1979	---	---	0B ON APR 1	---	1979
1980	962 AT 10:46 CST ON JUL 1 *	948 ON JUL 1	0B ON APR 1	---	1980
1981	958 AT 15:00 CST ON JUN 25	948 ON JUN 25	0B ON APR 1	1 790 000	1981
1982	---	3 700E ON JUN 26 *	0B ON APR 1	3 860 000	1982
				2 380 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.165	0.150	0.150	0.166	2.52	11.6	11.2	3.75	1.94	2.58	0.934	0.606	2.99	1978
1979	0.165	0.091	0.084	0.180	2.65	20.5	10.6	3.30	1.65	2.13	0.703	0.331	3.53	1979
1980	0.254	0.231	0.207	0.180	4.75	11.6	6.07	4.79	4.89	3.00	1.08	0.590	3.14	1980
1981	0.271	0.160	0.151	0.145	10.2	10.4	6.97	2.77	3.89	2.18	1.32	0.496	3.26	1981
1982	0.245	0.041	0.017	0.006	1.60	13.5	4.32	2.61	2.30	1.93	0.654	0.508	2.31	1982
MEAN	0.220	0.135	0.122	0.135	4.34	13.5	7.83	3.44	2.93	2.36	0.938	0.506	3.05	MEAN

LOCATION - LAT 62 12 00 N, LONG 128 45 10 W — DRAINAGE AREA, 214 km^2 — NATURAL FLOW

MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	44.5 AT 13:00 MST ON JUL 2	34.8 ON JUL 2 *	0.150B ON FEB 1	94 400	1978
1979	29.8 AT 01:00 MST ON JUN 24	25.6 ON JUN 24	0.080B ON FEB 20	111 000	1979
1980	47.0 AT 00:30 MST ON JUN 10 *	27.4 ON JUN 9	0.115B ON APR 26	99 300	1980
1981	37.9 AT 00:05 MST ON MAY 27	29.1 ON MAY 26	0.137B ON MAY 1	103 000	1981
1982	33.6 AT 02:46 MST ON JUN 20	25.1 ON JUN 14	0.001B ON APR 16 *	73 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		96 100	MEAN

MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO. 10MC005

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	932	696	794	447	268	230	184	---	1974
1975	147	116	89.0	73.2	404	1 060	669	557	434	345	146	111	453	1975
1976	117	76.5	68.4	94.2	625	919	740	589	483	266	149	105	473	1976
MEAN	132	96.3	78.7	83.7	515	970	702	647	455	293	175	133	463	MEAN

LOCATION - LAT 68 15 10 N
LONG 134 48 00 W   REGULATED SINCE 1968

MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO. 10MC005

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	1 420E ON JUN 8 *	64.0B ON APR 14 *	9 580 000	1975
1976	---	1 300B ON JUN 5	68.0B ON MAR 4	10 000 000	1976
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 790 000	MEAN

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	40.4	35.2	11.1	19.1	---	---	---	225	194	105	66.2	29.8	---	1973
1974	26.9	17.6	8.05	8.75	197	536	344	408	191	119	116	54.0	226	1974
1975	34.1	31.3	28.7	27.6	291	583	334	214	185	86.8	35.4	25.7	213	1975
1976	23.6	20.2	16.7	16.5	354	449	364	271	223	103	34.0	22.8	224	1976
1977	18.0	18.4	18.3	17.3	110	537	301	205	130	89.4	66.1	23.4	175	1977
1978	13.2	11.5	9.37	7.18	69.0	434	257	177	131	78.7	35.2	25.1	145	1978
1979	18.7	11.2	8.28	9.37	171	470	375	232	142	88.3	47.0	21.3	187	1979
1980	2.57	5.99	2.68	0.490	164	364	169	187	128	74.6	25.0	10.0	136	1980
1981	11.7	8.95	7.95	9.52	373	352	231	179	124	95.4	19.1	16.3	172	1981
1982	17.1	14.9	8.04	5.10	102	593	254	208	128	101	43.1	24.0	174	1982
MEAN	20.6	17.5	11.9	12.1	203	480	292	231	154	94.1	48.7	25.2	184	MEAN

LOCATION - LAT 68 22 33 N
LONG 133 45 46 W   REGULATED SINCE 1968

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	889 ON JUN 6 *	889 ON JUN 6	6.80B ON MAR 12	4 790 000	1974
1975	---	923B ON JUN 3 *	26.9 B ON APR 7	4 510 000	1975
1976	---	708B ON MAY 29	12.4 B ON APR 21	4 750 000	1976
1977	---	793B ON MAY 31	16.9 B ON APR 22	3 710 000	1977
1978	---	603B ON JUN 9	6.37B ON APR 7	3 060 000	1978
1979	---	807B ON MAY 31	8.07B ON MAR 17	3 950 000	1979
1980	---	570B ON JUN 4	0 B ON APR 23 *	2 870 000	1980
1981	---	898B ON MAY 29	7.95B ON MAR 3	3 630 000	1981
1982	---	840B ON JUN 3	4.90B ON APR 15	3 680 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 880 000	MEAN

MACKENZIE RIVER (KALINEK CHANNEL) ABOVE ONIAK CHANNEL - STATION NO. 10LC006

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	1 150	720	833	394	225	128	66.1	---	1974
1975	40.4	35.9	35.1	65.5	392	1 020	562	371	238	134	49.4	34.8	351	1975
MEAN	40.4	35.9	35.1	65.5	392	1 090	641	602	316	180	88.7	50.5	351	MEAN

LOCATION - LAT 68 23 50 N
LONG 133 59 00 W REGULATED SINCE 1968

MACKENZIE RIVER (KALINEK CHANNEL) ABOVE ONIAK CHANNEL - STATION NO. 10LC006

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	1 760 ON JUN 4 *	34.8B ON MAR 1 *	7 430 000	1975
MEAN				7 430 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (MIDDLE CHANNEL) ABOVE NAPOIAK CHANNEL - STATION NO. 10LC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	19 100	17 700	18 700	14 000	10 700	9 370	5 780	---	1974
1975	4 550	4 090	3 630	3 260	13 200	22 700	15 000	12 200	10 400	8 490	3 800	3 430	8 760	1975
1976	3 600	3 600	3 400	3 240	16 100	18 200	17 000	12 400	12 500	7 630	4 220	2 180	8 700	1976
MEAN	4 080	3 850	3 520	3 250	14 700	20 000	16 600	14 400	12 300	8 940	5 800	3 800	8 730	MEAN

LOCATION - LAT 68 26 00 N
LONG 134 06 50 W REGULATED SINCE 1968

MACKENZIE RIVER (MIDDLE CHANNEL) ABOVE NAPOIAK CHANNEL - STATION NO. 10LC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	31 400E ON JUN 3 *	2 940B ON NOV 20	276 000 000	1975
1976	---	31 400B ON MAY 28	1 930B ON DEC 21 *	275 000 000	1976
MEAN				276 000 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10MC003

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	1 730	956	1 200	667	367	253	183	---	1974
1975	113	70.1	80.1	120	1 060	2 010	1 000	700	605	436	172	188	749	1975
1976	120	104	98.5	110	841	1 770	84[illegible]	668	531	334	218	169	648	1976
1977	131	115	106	99.2	---	---	---	---	520	362	186	116	---	1977
MEAN	121	96.4	94.9	110	951	1 840	933	856	581	375	207	154	699	MEAN

LOCATION - LAT 68 12 50 N
LONG 135 06 50 W REGULATED SINCE 1968

MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10MC003

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	3 000 AT 16:00 MST ON JUN 5 *	2 940 ON JUN 5	---	---	1974
1975	---	3 450B ON JUN 2 *	70.2B ON MAR 1 *	15 900 000	1975
1976	---	3 110E ON JUN 8	90.6B ON APR 15	13 700 000	1976
1977	---	---	---	---	1977
MEAN				14 800 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (WEST CHANNEL) BELOW AKLAVIK CHANNEL - STATION NO. 10MC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	2 380	1 720	2 070	1 150	637	463	358	---	1974
1975	268	209	213	268	2 130	3 620	1 670	1 170	960	711	303	234	983	1975
MEAN	268	209	213	268	2 130	3 000	1 700	1 620	1 060	674	383	296	983	MEAN

LOCATION - LAT 68 15 30 N
LONG 135 03 00 W REGULATED SINCE 1968

MACKENZIE RIVER (WEST CHANNEL) BELOW AKLAVIK CHANNEL - STATION NO. 10MC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	6 910B AT 05:30 MST ON MAY 31 *	6 680 ON JUN 2 *	204B ON FEB 18 *	31 000 000	1975
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		31 000 000	MEAN

MACKENZIE RIVER ABOVE ARCTIC RED RIVER - STATION NO. 10LA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	12 000	9 660	5 590	4 390	---	1972
1973	4 010	3 960	3 750	3 700	15 100	23 000	18 400	14 300	13 400	10 600	6 150	3 870	10 000	1973
1974	3 750	3 350	2 950	3 350	13 000	20 800	20 700	21 800	13 500	11 200	8 210	4 740	10 700	1974
1975	4 720	4 410	4 290	4 290	18 800	23 000	19 700	14 200	11 200	9 730	4 530	4 200	10 300	1975
1976	3 860	3 620	3 380	3 350	18 600	19 100	20 400	15 400	13 700	9 790	5 340	2 550	9 950	1976
1977	3 560	3 250	3 100	3 370	12 700	23 900	17 900	14 200	10 600	8 860	4 590	3 710	9 170	1977
1978	3 750	3 450	3 460	3 820	8 820	21 700	15 900	12 100	10 300	6 760	3 640	3 290	8 100	1978
1979	3 530	3 470	2 870	2 720	10 100	21 600	22 100	14 800	11 400	9 300	4 690	2 820	9 170	1979
1980	2 940	2 870	2 700	2 650	13 900	16 000	12 500	12 300	9 180	9 100	4 720	2 130	7 600	1980
1981	2 950	2 810	2 450	2 180	14 800	21 600	13 500	9 840	8 120	7 270	4 730	2 380	7 740	1981
1982	2 470	2 840	2 550	2 350	7 210	24 600	13 800	13 000	10 400	8 400	4 040	3 500	7 940	1982
MEAN	3 550	3 400	3 150	3 180	13 300	21 500	17 500	14 200	11 300	9 150	5 110	3 420	9 070	MEAN

LOCATION - LAT 67 21 30 N DRAINAGE AREA, 1 660 000 km^2
LONG 133 33 30 W REGULATED SINCE 1968

MACKENZIE RIVER ABOVE ARCTIC RED RIVER - STATION NO. 10LA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	26 800 AT 01:00 MST ON JUN 27	26 600 ON JUN 26	3 680B ON MAR 16	317 000 000	1973
1974	---	30 300E ON MAY 30	2 830B ON MAR 24	337 000 000	1974
1975	---	34 000B ON MAY 28 *	3 230B ON NOV 21	325 000 000	1975
1976	---	32 000B ON MAY 24	2 240B ON DEC 19	315 000 000	1976
1977	29 200 AT 09:00 MST ON JUN 12 *	29 200 ON JUN 12	2 530B ON NOV 29	289 000 000	1977
1978	---	28 300B ON JUN 5	3 230B ON DEC 17	255 000 000	1978
1979	---	28 600E ON MAY 31	2 230B ON DEC 25	289 000 000	1979
1980	---	26 400B ON MAY 29	1 680B ON DEC 2 *	240 000 000	1980
1981	---	28 300B ON MAY 24	2 040B ON APR 28	244 000 000	1981
1982	---	28 800B ON JUN 4	2 170B ON JAN 1	251 000 000	1982
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		286 000 000	MEAN

NORTHWEST TERRITORIES

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	---	9 070	7 610	5 980	---	---	---	1938
1939	---	---	---	---	---	10 700	10 900	8 630	7 800	---	---	---	---	1939
1940	---	---	---	---	---	12 200	13 500	9 550	7 790	---	---	---	---	1940
1941	---	---	---	---	---	17 100	15 100	10 600	---	---	---	---	---	1941
1942	---	---	---	---	---	19 500	14 900	12 700	11 900	10 100	---	---	---	1942
1943	---	---	---	---	---	9 810	12 900	5 270	3 040	2 610	---	---	---	1943
1944	---	---	---	---	---	10 900	9 430	8 370	6 710	6 400	---	---	---	1944
1945	---	---	---	---	---	11 500	9 730	7 310	5 940	---	---	---	---	1945
1946	---	---	---	---	---	10 000	9 520	7 870	6 490	---	---	---	---	1946
1947	---	---	---	---	---	---	11 700	9 130	8 090	---	---	---	---	1947
1948	---	---	---	---	---	---	10 800	8 890	9 190	---	---	---	---	1948
1949	---	---	---	---	---	---	---	11 300	8 700	---	---	---	---	1949
1950	---	---	---	---	---	19 400	18 700	16 900	14 900	---	---	---	---	1950
1951	---	---	---	---	---	---	10 200	7 600	6 260	---	---	---	---	1951
1952	---	---	---	---	---	---	11 800	8 730	8 360	---	---	---	---	1952
1953	---	---	---	---	---	---	11 700	9 040	8 050	---	---	---	---	1953
1954	---	---	---	---	---	11 900	10 500	9 880	8 390	---	---	---	---	1954
1955	---	---	---	---	---	---	15 300	11 000	8 190	---	---	---	---	1955
1956	---	---	---	---	---	---	13 700	8 810	7 990	---	---	---	---	1956
1957	---	---	---	---	---	---	14 900	11 900	8 970	---	---	---	---	1957
1958	---	---	---	---	---	---	10 400	8 500	7 780	---	---	---	---	1958
1959	---	---	---	---	---	12 500	10 900	10 100	9 630	---	---	---	---	1959
1960	---	---	---	3 460	10 900	14 600	14 800	---	---	8 320	4 960	3 460	---	1960
1961	3 550	2 870	2 890	2 240	9 960	18 000	12 000	9 370	8 270	7 380	3 740	3 120	6 960	1961
1962	3 020	2 370	2 050	3 020	11 000	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	11 400	---	---	---	---	---	1963
1964	---	---	---	---	---	---	13 200	12 300	10 700	9 230	---	---	---	1964
1965	3 210	2 650	2 260	2 490	9 320	14 100	13 000	10 400	9 390	8 510	5 780	3 460	7 080	1965
1966	2 850	2 780	2 650	2 970	6 690	13 300	13 600	10 600	8 960	8 190	5 360	3 610	6 820	1966
1967	3 390	2 940	2 430	2 520	7 090	15 200	13 100	10 600	8 640	7 670	5 500	2 640	6 830	1967
1968	2 390	2 200	2 070	2 380	10 100	13 300	13 700	10 300	9 410	6 920	4 150	2 770	6 650	1968
1969	2 160	1 820	1 590	2 650	10 500	11 300	9 580	8 420	7 990	6 190	4 020	2 810	5 780	1969
1970	2 270	2 070	2 020	2 390	7 730	12 700	9 700	8 360	7 180	6 670	3 870	2 500	5 640	1970
1971	2 060	1 670	1 620	2 060	12 300	14 000	11 100	7 870	7 050	5 980	3 450	2 720	6 010	1971
1972	2 280	1 980	1 840	1 880	7 360	15 300	12 600	10 500	7 820	6 610	3 540	2 960	6 240	1972
1973	2 850	2 730	2 710	3 150	11 800	16 400	12 700	9 650	9 630	7 640	4 390	2 740	7 220	1973
1974	2 280	2 110	2 320	3 230	12 200	14 600	15 100	12 900	9 530	8 390	4 060	3 020	7 510	1974
1975	3 950	3 530	3 360	3 560	10 600	14 600	14 500	10 800	7 980	7 080	2 760	2 810	7 150	1975
1976	3 070	2 820	2 610	3 960	12 000	15 400	16 300	12 800	10 700	8 220	5 370	2 630	8 010	1976
1977	2 780	2 660	2 690	3 320	11 200	18 100	13 800	11 300	8 910	7 550	4 100	2 750	7 460	1977
1978	2 920	2 810	2 730	2 910	7 280	12 100	10 200	8 410	7 740	6 690	4 190	2 850	5 920	1978
1979	2 420	2 170	2 370	2 660	7 290	15 800	15 700	10 500	8 720	7 020	5 760	2 430	6 930	1979
1980	2 460	2 280	2 110	2 570	7 990	10 500	9 860	7 390	6 720	6 990	3 810	2 170	5 410	1980
1981	2 230	2 000	1 900	1 860	11 300	13 100	9 000	6 680	6 600	5 820	3 780	2 370	5 580	1981
1982	2 100	2 000	1 980	2 000	11 400	13 100	8 600	7 850	7 070	6 390	4 200	2 750	5 890	1982
MEAN	2 710	2 420	2 310	2 730	9 810	13 900	12 400	9 760	8 310	7 140	4 340	2 830	6 580	MEAN

LOCATION - LAT 61 52 07 N DRAINAGE AREA, 1 270 000 km²
LONG 121 21 25 W REGULATED SINCE 1968

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	13 200 ON JUL 6	---	---	1939
1940	---	15 000 ON JUL 5	---	---	1940
1941	---	18 900 ON JUN 28	---	---	1941
1942	---	22 200 ON JUN 14	---	---	1942
1943	---	18 100 ON JUL 14	---	---	1943
1944	---	13 000 ON JUN 16	---	---	1944
1945	---	13 600 ON JUN 14	---	---	1945
1946	---	11 600 ON JUN 17	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	16 400 ON JUN 27	---	---	1949
1950	---	21 900 ON JUN 22	---	---	1950
1951	---	12 500 ON JUL 6	---	---	1951
1952	---	15 000 ON JUL 3	---	---	1952
1953	---	14 100 ON JUL 28	---	---	1953
1954	---	---	---	---	1954
1955	---	18 700 ON JUL 5	---	---	1955
1956	---	17 500 ON JUL 17	---	---	1956
1957	---	17 100 ON JUL 3	---	---	1957
1958	---	12 800 ON JUN 10	---	---	1958
1959	---	14 100 ON JUN 9	---	---	1959
1960	---	18 500 ON JUN 27	---	---	1960
1961	---	23 500 ON MAY 30 *	2 040 ON APR 25	220 000 000	1961
1962	---	---	1 960B ON MAR 22	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	16 400E ON JUN 10	2 240B ON MAR 15	223 000 000	1965
1966	---	14 800 ON JUN 21	2 610B ON MAR 16	215 000 000	1966
1967	---	17 000B ON JUN 3	2 180B ON APR 13	216 000 000	1967
1968	17 500 AT 13:00 MST ON JUL 17	17 500 ON JUL 17	2 050B ON APR 13	210 000 000	1968
1969	---	13 300E ON JUN 12	1 520B ON MAR 23	182 000 000	1969
1970	---	14 700 ON JUN 14	1 990B ON MAR 2	178 000 000	1970
1971	16 600 AT 17:30 MST ON JUN 21	16 500 ON JUN 21	1 600B ON MAR 3	189 000 000	1971
1972	18 000 AT 14:00 MST ON JUN 4	17 900 ON JUN 4	1 810B ON MAR 19	197 000 000	1972
1973	20 800 AT 02:00 MST ON JUN 21	20 800 ON JUN 21	2 550B ON DEC 31	228 000 000	1973
1974	20 400 AT 22:00 MST ON JUL 21	20 300 ON JUL 21	1 900B ON NOV 26	237 000 000	1974
1975	22 000 AT 14:00 MST ON JUL 2	21 900 ON JUL 2	1 870B ON NOV 25	226 000 000	1975
1976	---	18 400 ON JUL 6	2 290B ON DEC 15	253 000 000	1976
1977	23 000 AT 24:00 MST ON JUN 6 *	22 900 ON JUN 7	2 240B ON NOV 20	235 000 000	1977
1978	13 400 AT 05:40 MST ON JUN 12	13 400 ON JUN 11	2 270B ON NOV 30	187 000 000	1978
1979	20 800 AT 03:10 MST ON JUL 7	20 800 ON JUL 7	1 850B ON DEC 12	218 000 000	1979
1980	12 500 AT 05:50 MST ON JUN 13	12 500 ON JUN 13	1 500B ON NOV 24 *	171 000 000	1980
1981	16 700 AT 03:16 MST ON JUN 1	16 600 ON JUN 1	1 830B ON APR 21	176 000 000	1981
1982	20 900 AT 09:10 MST ON MAY 21	20 700 ON MAY 21	1 970B ON APR 2	186 000 000	1982
				208 000 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	10 800	12 800	---	---	7 470	---	---	---	1943
1944	---	---	---	---	---	---	12 900	11 500	8 980	---	---	---	---	1944
1945	---	---	---	---	---	11 900	10 300	8 010	6 590	6 460	---	---	---	1945
1946	---	---	---	---	---	10 000	8 540	6 920	---	---	---	---	---	1946
1947	---	---	---	---	---	19 700	15 300	11 700	10 400	9 000	---	---	---	1947
1948	---	---	---	---	---	14 600	14 600	11 400	12 300	---	---	---	---	1948
1949	---	---	---	---	---	18 500	19 000	16 600	---	---	---	---	---	1949
1950	---	---	---	---	---	13 700	12 600	11 700	---	---	---	---	---	1950
1951	---	---	---	---	---	14 800	15 100	11 700	---	---	---	---	---	1951
1952	---	---	---	---	---	---	16 300	---	---	---	---	---	---	1952
1953	---	---	---	---	---	12 900	14 200	11 300	9 680	---	---	---	---	1953
1954	---	---	---	---	---	17 200	14 800	13 600	11 400	---	---	---	---	1954
1955	---	---	---	---	---	---	19 100	14 400	10 100	---	---	---	---	1955
1961	---	---	---	---	---	---	---	---	10 500	9 970	7 810	6 000	---	1961
1962	4 350	3 000	2 810	---	---	---	---	---	---	13 400	10 000	8 920	---	1962
1963	6 680	4 750	4 090	3 750	---	---	21 100	15 100	13 700	11 600	---	---	---	1963
1964	---	---	---	---	---	---	17 700	16 200	13 600	---	---	---	---	1964
1965	---	---	---	---	---	16 600	16 200	14 700	11 100	10 500	10 000	9 260	---	1965
1966	6 610	3 970	3 440	3 490	7 390	17 800	17 100	13 700	11 000	9 700	4 730	3 930	8 590	1966
1967	4 000	3 770	3 450	3 080	9 390	20 100	17 000	13 000	10 800	9 260	6 420	2 700	8 600	1967
1968	2 770	2 760	2 610	3 110	12 200	17 300	17 800	11 900	10 600	7 730	5 230	2 830	8 090	1968
1969	2 260	2 130	2 190	2 830	12 400	15 100	13 300	12 100	10 500	8 390	5 050	3 000	7 460	1969
1970	2 480	2 410	2 360	2 510	6 680	17 900	14 600	11 800	9 330	8 010	4 990	3 220	7 210	1970
1971	2 700	2 550	2 400	2 490	14 900	17 800	15 400	10 900	9 130	7 940	4 660	3 390	7 890	1971
1972	2 880	2 590	2 480	2 430	11 300	22 000	18 500	15 100	10 600	8 440	4 760	3 790	8 770	1972
1973	3 540	3 420	3 290	3 300	14 800	20 200	16 400	12 700	12 200	9 130	4 970	3 700	9 000	1973
1974	3 460	3 020	2 620	2 920	12 900	19 200	18 800	18 100	12 800	10 500	6 810	4 590	9 680	1974
1975	4 510	3 920	3 680	3 710	18 500	19 600	18 500	13 800	10 600	9 370	4 140	4 100	9 580	1975
1976	3 520	3 110	2 920	3 630	14 300	18 400	20 200	15 600	13 000	9 760	6 120	2 980	9 490	1976
1977	3 040	2 940	2 980	3 600	14 000	22 000	16 600	13 600	10 600	8 960	4 550	3 840	8 930	1977
1978	3 620	3 400	3 230	3 400	13 000	15 800	14 200	11 400	9 340	7 810	3 990	2 890	7 700	1978
1979	3 090	2 930	2 920	3 040	10 200	19 600	19 700	13 800	11 100	9 010	6 330	2 250	8 690	1979
1980	---	---	---	---	---	13 200	12 800	11 000	8 860	8 830	---	---	---	1980
1981	---	---	---	---	---	16 400	12 300	9 010	8 290	7 930	7 720	6 060	---	1981
1982	2 430	2 340	2 250	2 430	13 100	18 500	12 900	12 300	10 100	8 630	5 530	3 240	7 840	1982
MEAN	3 640	3 120	2 920	3 110	12 300	16 800	15 700	12 700	10 600	9 080	5 990	4 250	8 500	MEAN

LOCATION - LAT 65 16 54 N DRAINAGE AREA, 1 570 000 km^2
LONG 126 50 58 W REGULATED SINCE 1968

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	17 600 ON JUL 18	---	---	1943
1944	---	17 900 ON JUN 17	---	---	1944
1945	---	14 200 ON JUN 17	---	---	1945
1946	---	---	---	---	1946
1947	---	24 700 ON JUN 20	---	---	1947
1948	---	---	---	---	1948
1949	---	23 400 ON AUG 17	---	---	1949
1950	---	18 000 ON JUN 23	---	---	1950
1951	---	18 200 ON JUL 10	---	---	1951
1952	---	21 900 ON JUL 5	---	---	1952
1953	---	16 600 ON JUL 21	---	---	1953
1954	---	---	---	---	1954
1955	---	23 300 ON JUL 2	---	---	1955
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	27 400 AT 00:30 MST ON JUL 17 *	27 200 ON JUL 17	---	---	1963
1964	---	---	---	---	1964
1965	---	19 300 ON JUN 16	---	---	1965
1966	---	20 800 ON JUN 20	3 170B ON MAR 31	271 000 000	1966
1967	---	22 500 ON JUN 4	2 210B ON DEC 7	271 000 000	1967
1968	---	25 000 ON JUN 30	2 380B ON DEC 31	256 000 000	1968
1969	---	17 400 ON JUN 17	2 110B ON MAR 11	235 000 000	1969
1970	21 500 AT 18:00 MST ON JUL 22	20 600 ON JUL 22	2 350B ON MAR 13	228 000 000	1970
1971	21 600 AT 13:00 MST ON JUN 24	21 500 ON JUN 24	2 330B ON APR 4	249 000 000	1971
1972	26 100E ON JUL 25	25 500E ON JUL 25	2 390B ON APR 20	277 000 000	1972
1973	25 000 AT 18:55 MST ON JUN 23	24 800 ON JUN 23	3 200B ON APR 20	284 000 000	1973
1974	---	27 500A ON MAY 26	2 550B ON MAR 29	305 000 000	1974
1975	---	30 300B ON MAY 24 *	2 860B ON NOV 18	302 000 000	1975
1976	---	22 000 ON JUL 6	2 750B ON DEC 7	300 000 000	1976
1977	---	28 300B ON MAY 17	2 720B ON NOV 23	281 000 000	1977
1978	---	24 100B ON MAY 20	2 610B ON DEC 1	243 000 000	1978
1979	24 900 AT 20:00 MST ON JUL 9	24 900 ON JUL 9	1 950B ON DEC 26 *	274 000 000	1979
1980	---	---	---	---	1980
1981	---	---	---	---	1981
1982	---	26 900E ON MAY 25	2 210B ON MAR 29	247 000 000	1982
MEAN				268 000 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	---	---	---	---	---	1958
1960	---	---	---	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	6 330	---	---	---	---	1961
1962	---	---	---	---	---	7 000	8 310	8 840	8 370	7 920	---	---	8 140	1962
1963	---	---	---	---	---	7 400	8 160	8 110	7 660	7 120	5 550	3 290	7 840	1963
1964	2 680	2 360	2 140	2 060	5 380	7 940	8 610	8 590	8 420	7 830	5 990	3 050	8 390	1964
1965	2 620	2 400	2 190	2 220	6 180	7 740	8 260	8 000	7 270	6 780	3 820	2 750	7 820	1965
1966	2 710	2 670	2 560	2 490	4 190	7 440	7 730	7 400	7 160	6 600	3 740	2 990	7 430	1966
1967	2 840	2 420	1 970	2 000	4 040	6 790	8 430	7 830	7 080	6 560	4 790	2 280	7 540	1967
1968	1 690	1 610	1 370	1 510	4 150	6 680	6 700	5 890	5 270	5 070	3 510	1 500	6 130	1968
1969	1 280	1 190	1 270	1 220	4 840	6 120	5 870	5 160	5 010	4 610	3 280	2 180	5 540	1969
1970	1 610	1 420	1 360	1 550	4 380	5 830	5 770	5 390	4 800	4 310	3 420	2 330	5 450	1970
1971	1 680	1 490	1 400	1 440	5 080	5 700	5 560	5 440	5 110	4 690	2 920	2 480	5 450	1971
1972	2 050	1 790	1 620	1 620	3 900	6 020	6 530	6 180	5 680	4 760	2 900	2 210	6 100	1972
1973	2 450	2 380	2 310	2 490	6 100	6 980	6 980	6 670	6 630	6 160	3 310	2 380	6 810	1973
1974	---	---	---	---	---	7 730	7 840	7 510	7 040	6 270	---	---	7 530	1974
1975	---	---	---	---	---	7 500	6 970	6 290	5 780	5 510	---	---	6 630	1975
1976	---	---	---	---	---	7 590	7 290	6 840	6 610	5 880	---	---	7 080	1976
1977	---	---	---	---	---	6 960	6 860	6 400	5 850	5 330	---	---	6 520	1977
1978	---	---	---	---	---	6 190	5 810	5 090	4 770	4 480	---	---	5 460	1978
MEAN	2 160	1 970	1 820	1 860	4 820	6 920	7 160	6 800	6 380	5 880	3 930	2 490	6 820	MEAN

LOCATION - LAT 61 15 04 N DRAINAGE AREA, 971 000 km²
LONG 117 29 48 W REGULATED SINCE 1968

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1958	---	0 ON 5(: 0	99 900 000 ON 5(: 0	---	1958
1960	---	0 ON 5(: 0	99 900 000 ON 5(: 0	---	1960
1961	---	---	---	---	1961
1962	---	8 920E ON AUG 16 *	6 370E ON JUN 1	85 900 000	1962
1963	---	8 500 ON JUL 10	---	82 700 000	1963
1964	---	8 830 ON JUL 9	6 970 ON JUN 6	88 500 000	1964
1965	---	8 690 ON JUL 23	6 800 ON JUN 6	82 400 000	1965
1966	8 010 AT 18:00 MST ON JUL 10 *	7 960 ON JUL 10	6 740 ON SEP 20	78 400 000	1966
1967	---	8 610 ON JUL 12	4 190B ON JUN 10	79 600 000	1967
1968	7 220 AT 21:00 MST ON JUL 6	7 110 ON JUL 6	4 730 ON SEP 29	64 700 000	1968
1969	---	6 540 ON JUN 6	3 880E ON JUN 1 *	58 400 000	1969
1970	6 200 AT 13:30 MST ON JUN 24	6 140 ON JUN 24	4 220 ON SEP 7	57 400 000	1970
1971	---	5 860 ON JUN 25	4 130A ON SEP 13	57 500 000	1971
1972	6 680 AT 20:00 MST ON JUL 10	6 650 ON JUL 10	5 040 ON SEP 28	64 300 000	1972
1973	---	7 250 ON AUG 18	6 030 ON AUG 16	71 900 000	1973
1974	---	8 070 ON JUL 17	6 510 ON SEP 29	79 300 000	1974
1975	---	7 900 ON JUN 27	---	69 900 000	1975
1976	---	7 870 ON JUN 1	---	74 600 000	1976
1977	7 820 AT 18:00 MST ON JUN 3	7 390 ON JUN 3	---	68 700 000	1977
1978	6 510 AT 14:50 MST ON JUN 10	6 460 ON JUN 9	---	57 700 000	1978
MEAN				71 900 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARCIL CREEK NEAR ARCTIC BAY - STATION NO. 10TE005

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	0	0.152	5.80	0.964	0.155	0	0	0	1.19	1978
1979	0	0	0	0	0	0.984	3.98	0.544	0.032	0	0	0	0.928	1979
1981	0	0	0	0	0	2.66	2.39	1.76	0.118	0	0	0	1.15	1981
1982	---	---	---	0	0	---	---	---	---	0	0	---	---	1982
MEAN	0	0	0	0	0	1.27	4.06	1.09	0.102	0	0	0	1.09	MEAN

LOCATION - LAT 72 59 40 N
LONG 84 59 20 W NATURAL FLOW

MARCIL CREEK NEAR ARCTIC BAY - STATION NO. 10TE005

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	23.7 AT 19:50 MST ON JUL 10 *	17.6 ON JUL 10 *	0B ON MAY 1 *	18 900	1978
1979	---	16.6 A ON JUL 4	0B ON MAY 1	14 800	1979
1981	17.0 AT 10:25 MST ON JUN 29	9.61 ON JUN 29	0B ON MAY 1	18 300	1981
1982	---	---	0B ON MAY 1	---	1982
MEAN				17 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARTEN RIVER ABOVE THOA RIVER - STATION NO. 07QC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	4.52	8.61	6.18	4.63	6.72	5.69	5.40	3.67	---	1977
1978	2.03	1.11	0.770	0.700	5.23	5.40	3.97	3.62	2.64	2.64	2.25	1.58	2.67	1978
1979	---	---	---	---	---	8.50	3.07	1.25	0.918	3.25	4.38	2.40	---	1979
1980	1.26	1.02	0.811	4.28	7.46	3.98	3.98	5.78	8.34	6.12	4.14	2.27	4.12	1980
1981	1.41	0.853	0.521	0.630	8.74	4.58	9.11	6.27	4.52	4.13	3.56	2.98	3.97	1981
1982	2.11	1.10	0.881	0.796	19.6	11.4	5.08	3.10	6.09	6.72	4.20	2.78	5.35	1982
MEAN	1.70	1.02	0.746	1.60	9.11	7.08	5.23	4.11	4.87	4.76	3.99	2.61	4.03	MEAN

LOCATION - LAT 60 36 20 N DRAINAGE AREA, 736 km²
LONG 108 58 50 W NATURAL FLOW

MARTEN RIVER ABOVE THOA RIVER - STATION NO. 07QC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	9.43 ON JUN 23	---	---	1977
1978	7.28 AT 12:00 MST ON MAY 28 *	7.28 ON MAY 28	0.680B ON APR 25	84 300	1978
1979	---	---	---	---	1979
1980	---	11.9 ON APR 23	0.721B ON APR 9	130 000	1980
1981	---	13.0 ON JUL 15	0.337B ON APR 22 *	125 000	1981
1982	---	31.6 E ON MAY 25 *	0.680 ON APR 17	169 000	1982
				127 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

MARTIN RIVER NEAR THE MOUTH - STATION NO. 10GC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	---	1.19	0.486	0.321	---	1972
1973	0.185	0.161	0.159	0.360	24.1	18.0	9.31	3.86	1.82	0.528	0.228	0.130	4.94	1973
1974	0.141	0.111	0.072	0.134	36.7	19.1	5.44	8.68	4.14	1.65	0.773	0.392	6.50	1974
1975	0.266	0.221	0.168	0.970	52.2	13.7	2.00	8.70	3.38	5.90	1.31	0.625	7.54	1975
1976	0.425	0.254	0.131	5.71	40.9	8.15	5.26	14.6	10.8	3.28	0.941	0.346	7.63	1976
1977	0	0	0	0.781	41.5	18.0	5.72	2.80	1.11	1.02	0.732	0.264	6.05	1977
1978	0.166	0.093	0.085	0.163	28.9	8.23	5.12	0.994	0.605	0.645	0.195	0.151	3.82	1978
1979	0.080	0.026	0.017	0.140	46.1	13.6	6.27	1.90	1.66	3.03	0.416	0.029	6.18	1979
1980	0.020	0.020	0.018	1.95	5.13	1.68	3.62	0.374	2.31	3.11	0.633	0.060	1.58	1980
1981	0.020	0.019	0.020	0.041	40.5	3.77	3.77	1.26	4.79	11.8	4.17	1.27	6.04	1981
1982	0.609	0.325	0.165	0.382	94.1	34.4	13.3	24.0	19.0	9.64	4.07	1.82	17.0	1982
MEAN	0.191	0.123	0.084	1.06	41.0	13.9	5.98	6.72	4.96	3.80	1.27	0.492	6.73	MEAN

LOCATION - LAT 61 53 10 N DRAINAGE AREA, 2 040 km²
LONG 121 37 05 W NATURAL FLOW

MARTIN RIVER NEAR THE MOUTH - STATION NO. 10GC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	71.9 AT 17:00 MST ON JUN 28	68.5 ON JUN 28	0.125B ON DEC 17	156 000	1973
1974	82.1 AT 16:00 MST ON MAY 16	79.9 ON MAY 16	0.062B ON APR 2	205 000	1974
1975	104 B AT 22:00 MST ON MAY 3	101 B ON MAY 3	0.142B ON MAR 31	238 000	1975
1976	---	113 ON MAY 1	0 B ON DEC 24 *	241 000	1976
1977	103 AT 20:30 MST ON MAY 14	102 ON MAY 14	0 B ON JAN 1	191 000	1977
1978	---	64.8B ON MAY 7	0.085B ON MAR 1	120 000	1978
1979	120 AT 17:30 MST ON MAY 20	115 ON MAY 20	0.017B ON FEB 19	194 000	1979
1980	---	19.1B ON MAY 1	0.007 ON SEP 3	50 100	1980
1981	119 B AT 11:15 MST ON MAY 6	98.4 ON MAY 8	0.019B ON FEB 6	191 000	1981
1982	293 AT 14:26 MST ON MAY 22 *	283 ON MAY 22 *	0.150B ON MAR 11	535 000	1982
				212 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MEADOW CREEK ABOVE SAQVAQJUAC INLET - STATION NO. 06OA002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.010	0.006	0.001	---	---	---	---	---	1978
1979	---	---	---	--	0.006	0.005	0	0.001	---	---	---	---	---	1979
1980	---	---	---	---	0.002	0.005	0.006	0.004	---	---	---	---	---	1980
1981	---	---	---	---	---	0.010	0.001	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.004	0.008	0.003	0.002	---	---	---	---	---	MEAN

LOCATION - LAT 63 38 45 N DRAINAGE AREA, 0.16 km²
LONG 90 42 10 W NATURAL FLOW

DATA CONTRIBUTED BY -
FRESHWATER INSTITUTE (DFO) (CANADA)

MEADOW CREEK ABOVE SAQVAQJUAC INLET - STATION NO. 06OA002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	0.065 ON JUL 6	0 ON JUN 1 *	---	1978
1979	---	0.062 ON MAY 25	0 ON MAY 1	---	1979
1980	---	0.069B ON SEP 9 *	0 ON MAY 1	---	1980
1981	0.076 AT 13:30 CST ON JUN 7 *	0.035A ON JUN 7	0 ON MAY 23	---	1981
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MECHAM RIVER NEAR RESOLUTE - STATION NO. 10TC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	4.49	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	4.80	0.274	---	---	---	---	---	1972
1973	---	---	---	---	---	---	0.602	0.506	---	---	---	---	---	1973
1974	---	---	---	---	---	---	5.80	0.078	---	---	---	---	---	1974
1975	---	---	---	---	---	---	2.83	---	---	---	---	---	---	1975
1977	0	0	0	0	0	2.92	3.42	0.870	0.015	0	0	0	0.606	1977
1978	0	0	0	0	0	0	7.15	0.970	0.024	0	0	0	0.692	1978
1979	0	0	0	0	0	0	6.65	0.322	0.010	0	0	0	0.593	1979
MEAN	0	0	0	0	0	0.973	4.47	0.503	0.016	0	0	0	0.630	MEAN

LOCATION - LAT 74 41 24 N LONG 94 47 10 W DRAINAGE AREA, 86.8 km^2 NATURAL FLOW

MECHAM RIVER NEAR RESOLUTE - STATION NO. 10TC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	19.9 ON JUL 18	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1977	---	16.2 ON JUN 29	0B ON JAN 1 *	19 100	1977
1978	33.1 AT 22:30 MST ON JUL 14	22.2 ON JUL 15	0B ON JAN 1	21 900	1978
1979	63.1 AT 16:00 MST ON JUL 15 *	27.0 ON JUL 15 *	0B ON JAN 1	18 700	1979
				19 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

METHADALI CREEK ABOVE WILLOWLAKE RIVER - STATION NO. 10GB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	1.54	0.880	0.077	0	0	---	1976
1977	0	0	0	0.331	6.47	1.63	1.01	0.012	0.015	0.007	0	0	0.799	1977
1978	0	0	0	0.050	2.71	2.13	2.48	0.434	0.047	0.020	0	0	0.663	1978
1979	0	0	0	0.111	8.40	1.23	0.129	0.952	0.731	0.414	0.052	0	1.01	1979
1980	0	0	0	0.803	2.45	0.532	0.203	0.035	0.265	0.216	0.010	0	0.378	1980
1981	0	0	0	0.020	6.42	0.282	0.691	0.149	0.303	2.13	0.232	0.008	0.867	1981
1982	0	0	0	0.013	16.5	4.08	0.202	6.89	5.29	0.538	0.081	0.012	2.83	1982
MEAN	0	0	0	0.221	7.16	1.65	0.786	1.43	1.08	0.486	0.054	0.003	1.09	MEAN

LOCATION - LAT 62 38 31 N LONG 122 54 45 W DRAINAGE AREA, 332 km^2 NATURAL FLOW

METHADALI CREEK ABOVE WILLOWLAKE RIVER - STATION NO. 10GB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	14.7 AT 15:40 MST ON MAY 13	14.6 ON MAY 13	0B ON JAN 1 *	25 200	1977
1978	7.33 AT 15:00 MST ON MAY 4	6.31 ON JUL 26	0B ON JAN 1	20 900	1978
1979	22.3 B AT 21:00 MST ON MAY 14	19.7 B ON MAY 14	0B ON JAN 1	32 000	1979
1980	---	5.69B ON APR 30	0B ON JAN 1	12 000	1980
1981	27.6 AT 12:03 MST ON MAY 5	24.8 ON MAY 5	0B ON JAN 1	27 400	1981
1982	73.3 AT 01:37 MST ON MAY 18 *	64.4 ON MAY 19 *	0B ON JAN 1	89 200	1982
				34 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MILE 14 CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0R	0R	0R	0.062R	0.862R	0.165R	0.019R	0.004R	0.004R	0.019R	0.081R	0R	0.096R	1979
1980	0	0	0	0.067	0.028	0.018	0.007	0	0	0.026	0.002	0	0.012	1980
1981	0	0	0	0	0.374	0.007	0.002	0.002	0.084	0.558	0.013	0	0.088	1981
MEAN	0R	0R	0R	0.043R	0.421R	0.063R	0.009R	0.002R	0.029R	0.201R	0.005R	0R	0.065	MEAN

LOCATION - LAT 61 25 30 N
LONG 121 37 30 W NATURAL FLOW

R - REVISED SINCE JAN 1980

MILE 14 CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	2.80 RE ON MAY 20 *	0RB ON JAN 1 *	3 020R	1979
1980	---	0.209B ON APR 20	0B ON JAN 1	384	1980
1981	---	1.57 A ON MAY 8	0B ON JAN 1	2 770	1981
				2 060R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	731	340	185	---	---	---	---	---	1975
1976	12.5	10.9	9.30	---	---	---	---	---	---	---	---	---	---	1976
1977	10.9	10.7	10.5	---	---	---	---	---	---	---	---	16.6	---	1977
1978	13.1	11.1	9.54	9.03	88.4	344	328	235	101	48.2	27.7	24.5	104	1978
1979	16.6	9.93	8.69	11.1	160	340	413	299	144	75.5	24.2	16.6	128	1979
1980	11.5	9.66	9.18	12.5	175	287	230	395	192	79.0	26.8	16.6	121	1980
1981	---	---	---	---	---	---	357	205	89.7	46.8	26.0	21.1	---	1981
1982	18.8	15.8	11.4	9.66	---	---	---	377	120	52.2	32.2	22.3	---	1982
MEAN	13.9	11.3	9.77	10.6	141	426	334	283	129	60.3	27.4	19.6	118	MEAN

LOCATION - LAT 65 13 50 N DRAINAGE AREA, 11 100 km²
LONG 128 33 50 W NATURAL FLOW

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	994 AT 07:40 MST ON JUL 2	827 ON JUL 2	8.89B ON APR 8	3 270 000	1978
1979	912 AT 02:30 MST ON JUL 2	789 ON JUL 2	8.60B ON MAR 15 *	4 030 000	1979
1980	1 160 AT 10:30 MST ON AUG 15 *	959 ON AUG 15 *	9.00B ON FEB 29	3 820 000	1980
1981	---	618 ON JUL 31	---	---	1981
1982	---	---	8.80B ON APR 7	---	1982
				3 710 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MUSKEG CREEK NEAR YELLOWKNIFE - STATION NO. 07SB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	0	---	0	0	0	---	---	---	---	---	1967
MEAN	---	---	---	0	---	0	0	0	---	---	---	---	---	MEAN

LOCATION - LAT 62 32 10 N DRAINAGE AREA, 0.24 km²
LONG 114 23 28 W NATURAL FLOW

NAGLE CHANNEL BELOW SLAVE RIVER - STATION NO. 07NC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	3.06	2.37	1.74	3.42	10.0	11.4	12.9	13.0	12.5	12.4	9.76	5.46	8.19	1980
MEAN	3.06	2.37	1.74	3.42	10.0	11.4	12.9	13.0	12.5	12.4	9.76	5.46	8.19	MEAN

LOCATION - LAT 61 15 10 N
LONG 113 30 30 W REGULATED SINCE 1968

NORTHWEST TERRITORIES

NAGLE CHANNEL BELOW SLAVE RIVER - STATION NO. 07NC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	14.0 ON AUG 20 *	0.864B ON MAR 26 *	259 000	1980
				259 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

P/N LAKE OUTLET - STATION NO. 060A004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.017	0.016	0	---	---	---	---	---	1978
1979	---	---	---	---	0.006	0.010	0	0	---	---	---	---	---	1979
1980	---	---	---	---	0	0.012	0.010	0.005	---	---	---	---	---	1980
1981	---	---	---	---	---	0.023	0.003	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.003	0.016	0.007	0.001	---	---	---	---	---	MEAN

LOCATION - LAT 63 39 55 N LONG 90 40 00 W

DRAINAGE AREA, 0.36 km^2 NATURAL FLOW

DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

P/N LAKE OUTLET - STATION NO. 060A004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	0.091 ON JUN 20	0 ON JUN 1 *	---	1978
1979	---	0.085 ON MAY 29	0 ON MAY 1	---	1979
1980	---	0.041 ON SEP 10	0 ON MAY 1	---	1980
1981	0.102 AT 20:50 CST ON JUN 11 *	0.094A ON JUN 13 *	0 ON MAY 28	---	1981
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	405	200	135	---	1969
1970	111	100	89.7	79.1	---	---	1 500	1 080	901	369	177	113	---	1970
1971	91.6	77.6	69.5	---	---	---	---	---	1 150	367	193	108	---	1971
1972	80.9	70.3	59.8	55.0	---	---	862	834	994	315	119	86.0	---	1972
1973	77.1	65.0	52.2	48.3	---	---	1 310	2 220	1 140	390	98.2	76.1	---	1973
1974	64.9	58.3	54.3	55.7	525	1 910	1 260	2 530	824	232	125	109	649	1974
1975	94.3	85.0	77.3	74.9	3 230	4 470	1 520	1 090	1 110	438	144	94.9	1 040	1975
1976	83.7	77.1	74.2	101	2 660	2 060	861	1 330	615	389	186	99.0	714	1976
1977	77.1	73.6	73.6	80.5	3 340	2 840	1 080	505	426	349	137	90.9	760	1977
1978	72.5	60.2	54.0	63.7	453	3 890	1 220	572	578	315	97.0	83.6	620	1978
1979	80.9	77.1	72.3	70.8	2 370	1 920	2 360	1 400	1 130	612	187	80.8	870	1979
1980	65.7	59.9	61.3	66.8	3 330	2 310	805	1 650	675	276	189	180	810	1980
1982	83.3	65.7	59.4	59.5	1 430	3 800	1 150	1 040	655	311	129	104	742	1982
MEAN	81.9	72.5	66.5	68.7	2 170	2 900	1 270	1 380	850	367	152	105	776	MEAN

LOCATION - LAT 67 13 15 N LONG 134 56 45 W

DRAINAGE AREA, 70 700 km^2 NATURAL FLOW

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	3 000 ON JUL 9	---	---	1970
1971	---	---	---	---	1971
1972	---	---	45.9B ON APR 15 *	---	1972
1973	---	---	---	---	1973
1974	---	4 300 ON JUN 5	53.0B ON MAR 31	20 500 000	1974
1975	10 800 AT 02:10 MST ON MAY 31 *	10 600 ON MAY 31 *	72.8B ON APR 2	32 800 000	1975
1976	---	4 640 ON MAY 22	71.9B ON APR 8	22 600 000	1976
1977	8 440 AT 13:10 MST ON MAY 20	8 380 ON MAY 20	73.6B ON FEB 1	24 000 000	1977
1978	---	7 790B ON JUN 3	52.7B ON MAR 12	19 600 000	1978
1979	5 320 AT 01:30 MST ON MAY 30	5 220 ON MAY 30	66.3B ON APR 20	27 400 000	1979
1980	---	8 200B ON MAY 24	59.2B ON FEB 23	25 600 000	1980
1982	---	9 930 ON MAY 31	58.1B ON MAR 28	23 400 000	1982
				24 500 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PLATEAU CREEK NEAR WILLOW LAKE - STATION NO. 10FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	0.488	0.397	---	---	---	0.013	0	---	1976
1977	---	---	---	---	0.767	0.026	0.023	0.015	0.023	0.023	---	---	---	1977
1978	0	0	0	0.001	---	0.274	0.349	0.082	0.146	0.279	0.019	0	---	1978
1979	0	0	0	0	2.01	0.207	0.013	0.005	0.027	0.087	0.003	0	0.199	1979
1980	0	0	0	0.612	0.525	0.129	0.076	0.023	0.160	0.302	0.014	0	0.153	1980
1981	0	0	0	0	1.15	0.291	0.078	0.003	0.058	0.380	0.024	0	0.168	1981
1982	0	0	0	0	1.75	0.457	0.058	0.108	0.331	0.194	0.012	0	0.245	1982
MEAN	0	0	0	0.123	1.24	0.267	0.142	0.039	0.124	0.211	0.014	0	0.191	MEAN

LOCATION - LAT 62 18 16 N DRAINAGE AREA, 81.6 km²
LONG 118 14 05 W NATURAL FLOW

PLATEAU CREEK NEAR WILLOW LAKE - STATION NO. 10FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0B ON NOV 26 *	---	1976
1977	---	---	---	---	1977
1978	---	---	0B ON JAN 1	---	1978
1979	8.81B AT 22:10 MST ON MAY 17	7.46B ON MAY 18 *	0B ON JAN 1	6 290	1979
1980	3.90 AT 01:40 MST ON APR 27	3.52 ON APR 27	0B ON JAN 1	4 860	1980
1981	10.5 B AT 23:25 MST ON MAY 7 *	6.12B ON MAY 7	0B ON JAN 1	5 300	1981
1982	7.14 AT 04:12 MST ON MAY 23	6.84A ON MAY 22	0B ON JAN 1	7 710	1982
MEAN				6 040	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

POCKET LAKE OUTFLOW NEAR YELLOWKNIFE - STATION NO. 07SB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	0	0	0	0	0	0	0	---	---	---	1967
1968	---	---	---	0	0	0	0	0	0	0	0	0	---	1968
1969	0	0	0	0	0	0	0	0	0	0	---	---	---	1969
1970	---	---	---	---	0.001	0	0	0	0	0	---	---	---	1970
1971	---	---	---	0	0.001	0	0	0	0	0	---	---	---	1971
1972	---	---	---	0	---	---	0	0	0	0	---	---	---	1972
1973	---	---	---	0	0	0	0	0	0	0	---	---	---	1973
1974	---	---	---	0	0.001	0	0	0	0	0	---	---	---	1974
1975	0	0	0	0	0.001	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	MEAN

LOCATION - LAT 62 30 36 N
LONG 114 22 16 W NATURAL FLOW

POCKET LAKE OUTFLOW NEAR YELLOWKNIFE - STATION NO. 07SB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	0.001E ON MAY 3 *	0 ON JAN 1 *	1.81	1975
1976	---	0.001 ON APR 28	0 ON JAN 1	1.38	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
MEAN				1.06	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORTER LAKE OUTFLOW ABOVE TALTSON RIVER - STATION NO. 07QD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	6.70	5.64	6.90	7.07	5.89	---	---	1977
1978	3.25	2.75	2.43	2.38	4.59	9.08	10.4	8.54	6.40	5.24	4.48	3.94	5.30	1978
1979	---	---	---	---	---	---	11.2	8.76	6.31	4.82	4.25	4.01	---	1979
1980	3.85	3.27	2.40	2.25	4.34	4.85	4.40	3.79	4.08	4.81	5.51	4.23	3.98	1980
1981	3.17	2.81	2.80	2.97	5.98	9.81	16.5	16.6	13.8	10.8	7.87	5.76	8.28	1981
MEAN	3.42	2.94	2.54	2.53	4.97	7.91	9.84	8.67	7.50	6.55	5.60	4.49	5.85	MEAN

LOCATION - LAT 61 53 00 N DRAINAGE AREA, 2 060 km²
LONG 107 41 50 W NATURAL FLOW

PORTER LAKE OUTFLOW ABOVE TALTSON RIVER - STATION NO. 07QD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	11.0 AT 17:50 MST ON JUL 12 *	11.0 ON JUL 11	2.38B ON MAR 25	167 000	1978
1979	---	---	---	---	1979
1980	---	5.79B ON NOV 5	2.00B ON APR 10 *	126 000	1980
1981	---	20.0 E ON JUL 19 *	2.78B ON FEB 21	261 000	1981
				185 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

PRAIRIE CREEK AT CADILLAC MINE - STATION NO. 10EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	2.77	1.61	0.790	---	1974
1975	0.438R	0.264R	0.122R	0.516R	16.4 R	19.4 R	14.9 R	12.8 R	7.45R	3.10R	1.33 R	0.934R	6.52R	1975
1976	0.781R	0.650R	0.550R	1.10 R	18.4 R	23.0 R	19.7 R	8.52R	5.85R	2.43R	1.04 R	0.504R	6.91R	1976
1977	0.279	0.269	0.263	0.596	14.9	---	14.5	10.7	7.47	2.78	0.828	0.254	---	1977
1978	0.230	0.170	0.167	0.376	7.84	11.9	10.6	6.27	3.66	1.57	0.851	0.629	3.71	1978
1979	0.375	0.241	0.237	0.325	10.4	24.4	14.2	8.89	5.08	2.04	1.07	0.556	5.67	1979
1980	0.319	0.162	0.061	1.05	8.64	7.26	9.62	7.95	6.83	5.61	1.30	1.04	4.17	1980
1981	0.528	0.357	0.310	0.363	13.7	13.4	5.96	5.12	8.06	2.75	1.62	1.30	4.47	1981
1982	0.773	0.387	0.240	0.536	9.73	19.2	7.51	8.27	6.44	2.32	1.25	1.05	4.82	1982
MEAN	0.465R	0.314R	0.244R	0.608R	12.5 R	16.9 R	12.1 R	8.57R	6.36R	2.82R	1.21 R	0.784R	5.18	MEAN

LOCATION - LAT 61 33 40 N DRAINAGE AREA, 495 km^2 R - REVISED SINCE JAN 1980
LONG 124 48 25 W NATURAL FLOW

PRAIRIE CREEK AT CADILLAC MINE - STATION NO. 10EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	47.5R ON JUN 3	0.091RB ON APR 2	206 000R	1975
1976	281 AT 22:30 MST ON JUL 3 *	52.8R ON JUL 3	0.391RB ON DEC 31	219 000R	1976
1977	187 ON JUN 3	---	0.241B ON DEC 16	---	1977
1978	41.1 AT 21:30 MST ON JUN 1	27.0 ON JUL 2	0.159B ON FEB 16	117 000	1978
1979	81.6A AT 19:00 MST ON JUL 1	61.9E ON JUL 2 *	0.215B ON MAR 3	179 000	1979
1980	27.1 AT 07:10 MST ON JUN 1	22.4 ON AUG 3	0.029B ON MAR 10 *	132 000	1980
1981	---	40.0E ON JUN 8	0.307B ON FEB 24	141 000	1981
1982	45.4 AT 21:49 MST ON MAY 29	35.1 ON JUN 2	0.160B ON APR 7	152 000	1982
				164 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 1980

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 06MA005

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0	0	0	0	1.81	61.2	31.0	13.5	5.73	0.073	0	0	14.1	1979
1980	0	0	0	0	0.002	27.1	37.8	26.5	33.5	2.65	0	0	15.9	1980
1981	---	---	0	0	0	35.5	57.9	15.4	8.72	5.02	---	---	---	1981
1982	---	---	0	0	0	26.8	44.5	25.3	35.2	---	---	---	---	1982
MEAN	0	0	0	0	0.453	37.7	42.8	20.2	20.8	2.58	0	0	15.0	MEAN

LOCATION - LAT 64 18 00 N DRAINAGE AREA, 2 130 km^2
LONG 95 45 00 W NATURAL FLOW

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 06MA005

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	83.8E ON JUN 12	0B ON MAY 1 *	298 000	1979
1980	61.2 AT 19:54 CST ON JUN 17	59.1 ON JUN 18	0B ON MAY 1	336 000	1980
1981	95.9 AT 08:30 CST ON JUN 24 *	93.7 ON JUN 24 *	0B ON MAY 1	---	1981
1982	71.4 AT 11:05 CST ON JUN 24	70.3 ON JUN 25	0B ON MAY 1	---	1982
				317 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

QINGUQ CREEK NEAR BAKER LAKE - STATION NO. 06NA002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	0	0	0	0	---	---	---	3.70	1.41	0.148	0	0	---	1969
1970	0	0	0	0	0.008	14.2	3.85	6.10	8.04	0.275	0	0	5.36	1970
1971	0	0	0	0	0.342	17.4	3.49	0.889	0.511	0.427	0	0	3.79	1971
1972	0	0	0	0	0	15.5	7.76	1.54	2.71	0.451	0	0	4.61	1972
1973	0	0	0	0	8.05	11.4	1.15	0.345	6.52	3.18	0	0	5.07	1973
1974	0	0	0	0	4.48	9.98	3.76	3.91	0.876	0	0	0	3.82	1974
1975	0	0	0	0	1.44	36.1	1.28	1.67	3.19	0.234	0	0	7.18	1975
1976	0	0	0	0	0.031	37.3	9.78	0.619	0.301	0	0	0	7.88	1976
1977	0	0	0	0	0.708	9.07	3.01	0.639	2.08	1.54	0.023	0	2.81	1977
1978	0	0	0	0	0	12.4	8.33	2.01	0.150	0.003	0	0	3.79	1978
1981	---	---	0	0	0	11.4	5.25	0.789	0.272	0.123	---	---	2.94	1981
1982	---	---	0	0	0	7.36	6.92	2.56	4.60	0.663	0	0	3.66	1982
MEAN	0	0	0	0	1.37	16.6	4.96	2.06	2.56	0.587	0.002	0	4.63	MEAN

LOCATION - LAT 64 15 30 N DRAINAGE AREA, 433 km²
LONG 96 19 00 W NATURAL FLOW

QINGUQ CREEK NEAR BAKER LAKE - STATION NO. 06NA002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	30.0B ON JUN 5	0B ON MAY 1 *	85 100	1970
1971	---	39.9B ON JUN 7	0B ON MAY 1	60 300	1971
1972	---	55.2B ON JUN 25	0B ON MAY 1	73 300	1972
1973	---	51.0B ON MAY 28	0B ON MAY 1	80 600	1973
1974	---	28.3E ON MAY 31	0B ON MAY 1	60 800	1974
1975	---	90.3E ON JUN 10 *	0B ON MAY 1	114 000	1975
1976	---	83.3 ON JUN 15	0B ON MAY 1	125 000	1976
1977	---	20.8B ON JUN 15	0B ON MAY 1	44 700	1977
1978	---	53.5E ON JUN 22	0B ON MAY 1	60 300	1978
1981	---	39.5E ON JUN 20	0B ON MAY 1	46 700	1981
1982	29.4 AT 18:00 CST ON JUN 23 *	28.5 ON JUN 23	0B ON MAY 1	58 100	1982
MEAN				73 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

QUOICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 06MB001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	2.45	2.42	3.54	4.51	5.32	75.3	870	233	187	70.5	31.4	8.21	166	1972
1973	4.69	3.65	2.93	7.16	78.8	392	213	216	469	247	76.9	14.8	190	1973
1974	9.66	6.33	6.75	7.38	61.5	727	299	135	134	45.7	23.7	12.2	160	1974
1975	4.41	1.77	4.29	7.37	26.9	826	289	139	320	110	42.6	13.6	196	1975
1976	2.00	1.32	0.975	0.787	3.85	527	844	207	207	83.4	17.6	2.02	211	1976
1977	1.05	1.44	1.55	4.35	6.23	547	911	334	269	160	57.1	16.9	257	1977
1978	1.89	0.857	0.880	0.932	1.01	95.1	1 090	297	181	40.7	20.1	8.67	195	1978
1979	8.57	7.07	5.78	5.25	4.41	278	566	138	273	59.5	22.3	12.1	151	1979
1980	---	---	---	---	---	---	---	---	---	74.4R	14.5R	5.78R	---	1980
1981	---	---	1.75	1.49	1.42	---	563	153	449	198	---	---	---	1981
1982	---	---	11.7	9.82	8.81	763	893	243	128	86.7	45.0	26.0	245	1982
MEAN	4.34	3.11	4.01	4.90	19.8	470	654	210	262	108 R	35.1R	12.0 R	197	MEAN

LOCATION - LAT 64 27 30 N DRAINAGE AREA, 28 700 km²
LONG 94 07 10 W NATURAL FLOW

R - REVISED SINCE JAN 1980

QUOICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 06MB001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	1 270E ON JUL 10	4.16 B ON APR 1	3 950 000	1972
1973	---	595 ON SEP 16	4.05 B ON APR 1	4 500 000	1973
1974	---	1 130E ON JUN 16	7.08 B ON APR 1	3 790 000	1974
1975	---	1 180E ON JUN 9	2.55 B ON DEC 31	4 650 000	1975
1976	---	1 480 ON JUN 29	0.623B ON MAY 8 *	5 010 000	1976
1977	---	1 900B ON JUN 29	1.70 B ON APR 1	6 100 000	1977
1978	---	1 670E ON JUL 8	0.906B ON APR 1	4 640 000	1978
1979	1 040 AT 17:03 CST ON JUN 30	1 030 ON JUN 30	3.68 B ON MAY 30	3 590 000	1979
1980	---	---	---	---	1980
1981	---	---	1.42 B ON APR 24	---	1981
1982	3 330 AT 04:56 CST ON JUN 26 *	3 180 ON JUN 26 *	8.78 B ON MAY 11	5 820 000	1982
MEAN				4 670 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

RABBIT CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.008	0.008	0.008	0.258	1.05	0.766	0.137	0.079	0.050	0.087	0.021	0.011	0.207	1978
1979	0.005	0.003	0.001	0.249	4.01	1.47	0.377	0.209	0.367	0.168	0.039	0.002	0.580	1979
1980	0.001	0.001	0.001	0.512	0.094	0.012	0.712	0.057	0.555	0.406	0.116	0.011	0.207	1980
1981	0.010	0.005	0.002	0.033	3.32	1.40	0.036	0.006	0.007	0.076	0.044	0.031	0.417	1981
1982	0.007	0.004	0.003	0.136	9.31	0.253	0.016	0.023	0.055	0.121	0.010	0.005	0.843	1982
MEAN	0.006	0.004	0.003	0.238	3.56	0.780	0.256	0.075	0.207	0.172	0.046	0.012	0.451	MEAN

LOCATION - LAT 60 27 45 N DRAINAGE AREA, 130 km²
LONG 123 24 15 W NATURAL FLOW

RABBIT CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	4.19B AT 22:20 MST ON APR 30	4.05 ON MAY 30	0.008B ON JAN 1	6 540	1978
1979	14.0 AT 10:00 MST ON MAY 27	13.1 ON MAY 27	0 B ON MAR 21 *	18 200	1979
1980	4.82 AT 13:40 MST ON JUL 16	4.49 ON JUL 16	0 ON JUN 15	6 550	1980
1981	11.9 B AT 23:24 MST ON MAY 6	10.1 B ON MAY 7	0 ON AUG 9	13 200	1981
1982	28.1 AT 04:23 MST ON MAY 19 *	24.4 ON MAY 19 *	0 ON JUL 31	26 600	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		14 200	MEAN

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0	0	0	0	30.3	31.2	54.4	---	---	---	1.03	0.390	---	1981
1982	0.046	0	0	0	2.71	---	---	---	---	2.92	0.473	0.021	---	1982
MEAN	0.023	0	0	0	16.5	31.2	54.4	---	---	2.92	0.752	0.206	---	MEAN

LOCATION - LAT 67 40 45 N
LONG 135 42 30 W NATURAL FLOW

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1981	166 AT 20:20 MST ON JUL 22 *	137 ON JUL 22 *	0B ON JAN 1 *	---	1981
1982	---	---	0B ON JAN 15	---	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10HB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	124	49.1	51.3	---	1963
1964	38.0	27.4	25.8	21.4	---	---	---	---	---	94.6	---	---	---	1964
1965	---	---	---	---	---	295	369	197	153	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	201	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	197	---	---	---	---	1967
1968	---	---	---	---	---	435	545	330	308	---	---	---	---	1968
1969	---	15.6	14.2	36.4	117	263	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	274	---	---	263	---	---	---	---	1970
1971	---	---	---	---	---	---	449	351	173	93.5	47.8	24.0	---	1971
1972	12.5	11.3	12.0	---	---	---	---	---	171	84.6	48.4	31.0	---	1972
1973	16.9	13.3	14.0	---	---	---	---	---	---	122	79.1	38.5	---	1973
1974	17.4	13.3	12.6	---	---	---	---	---	---	---	---	32.0	---	1974
1975	13.7	10.7	---	---	---	341	---	---	---	---	---	---	---	1975
1976	17.4	16.9	16.5	---	---	494	514	---	151	77.1	31.0	23.9	---	1976
1977	20.1	15.4	13.1	---	---	---	---	---	---	---	---	17.9	---	1977
1978	10.9	13.6	14.5	16.0	123	504	---	---	132	71.6	48.5	32.0	---	1978
1979	20.7	11.1	11.5	16.4	222	412	---	401	174	78.0	32.5	23.7	---	1979
1980	20.0	16.6	13.6	12.2	91.8	236	474	387	207	80.7	28.0	17.2	133	1980
1981	---	---	---	---	---	248	252	175	103	60.8	41.6	38.3	---	1981
1982	24.9	15.8	10.5	15.7	327	772	520	650	334	87.5	41.7	33.6	237	1982
MEAN	19.3	15.1	14.4	19.7	176	388	446	356	197	88.6	44.8	30.3	185	MEAN

LOCATION - LAT 63 55 37 N DRAINAGE AREA, 15 400 km²
LONG 125 18 07 W NATURAL FLOW

REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10HB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	---	20.0B ON APR 22	---	1964
1965	---	527 ON JUL 17	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	1 700 ON JUL 7	1 340 ON JUL 7	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	10.9B ON JAN 25	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	926 ON MAY 27	---	---	1976
1977	---	---	---	---	1977
1978	1 080E ON JUL 2	991E ON JUL 2	10.0B ON JAN 15 *	---	1978
1979	---	---	---	---	1979
1980	1 620 AT 23:00 MST ON JUL 20	1 420 ON JUL 21	11.5B ON APR 12	4 200 000	1980
1981	568 AT 01:55 MST ON JUN 2	464 ON JUN 2	---	---	1981
1982	2 740 AT 19:14 MST ON AUG 12 *	2 420 ON AUG 12 *	10.0B ON MAR 16	7 480 000	1982
				5 840 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RENGLENG RIVER BELOW DEMPSTER HIGHWAY - STATION NO. 10LC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	21.0	2.84	2.07	2.33	1.46	0.426	0.166	---	1973
1974	0.029	0.010	0	0.332	2.29	3.47	3.70	0.906	0.696	0.550	0.296	0.156	1.04	1974
1975	0.015	0	0	---	---	24.0	2.60	0.820	0.614	0.402	0.066	0	---	1975
1976	0	0	0	0	5.75	9.89	1.98	16.2	8.26	2.80	1.00	0.248	3.85	1976
1978	0.052	0.004	0	0	0.685	22.0	10.1	2.20	2.13	1.89	0.974	0.263	3.36	1978
1979	0	0	0	0.038	10.2	8.87	3.10	0.987	3.23	2.83	1.01	0.368	2.56	1979
1980	0	0	0	0	36.2	39.4	2.30	0.846	0.857	0.628	0.405	0.212	6.74	1980
1981	0	0	0	0.073	12.2	9.11	4.86	3.38	2.01	1.93	0.801	0.362	2.91	1981
1982	0.045	0	0	0	5.92	23.1	15.6	1.91	0.699	0.372	0.150	0.005	3.99	1982
MEAN	0.018	0.002	0	0.063	10.5	17.9	5.23	3.26	2.31	1.43	0.570	0.198	3.89	MEAN

LOCATION - LAT 67 45 25 N LONG 133 51 25 W
DRAINAGE AREA, 1 440 km^2
NATURAL FLOW

RENGLENG RIVER BELOW DEMPSTER HIGHWAY - STATION NO. 10LC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	7.11B ON MAY 29	0B ON FEB 20 *	32 900	1974
1975	---	---	0B ON JAN 14	---	1975
1976	---	34.0 ON AUG 17	0B ON JAN 1	122 000	1976
1978	61.4A AT 10:50 MST ON JUN 3	50.1 A ON JUN 3	0B ON FEB 10	106 000	1978
1979	23.4 AT 18:00 MST ON MAY 20	21.9 ON MAY 21	0B ON JAN 1	80 900	1979
1980	230 AT 03:00 MST ON MAY 27 *	205 ON MAY 28 *	0B ON JAN 1	213 000	1980
1981	---	21.0 ON MAY 18	0B ON JAN 1	91 900	1981
1982	---	59.3 ON MAY 30	0B ON JAN 14	126 000	1982
				110 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROOT RIVER NEAR THE MOUTH - STATION NO. 10GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	66.2	25.8	18.3	---	1974
1975	12.4	9.50	8.57	18.3	198	285	206	319	129	109	29.4	13.2	112	1975
1976	12.3	10.4	8.83	42.8	535	146	158	141	103	73.9	17.5	9.47	106	1976
1977	8.51	8.48	7.99	9.26	121	153	145	79.3	65.2	39.8	13.2	6.24	55.1	1977
1978	5.63	5.44	4.89	6.34	126	200	292	106	56.5	37.2	18.6	11.1	73.0	1978
1979	8.23	4.45	2.51	2.60	210	133	196	161	88.9	50.6	10.6	4.10	73.5	1979
1980	3.31	4.46	6.67	51.7	123	70.0	127	143	90.8	51.6	22.2	10.1	58.9	1980
1981	8.73	8.24	8.03	15.5	163	105	138	64.7	56.5	52.2	24.4	17.1	55.6	1981
1982	8.82	8.56	8.64	9.15	368	410	249	401	286	106	34.5	25.5	161	1982
MEAN	8.49	7.44	7.02	19.5	231	188	189	177	109	65.2	21.8	12.8	86.9	MEAN

LOCATION - LAT 62 28 40 N LONG 123 25 45 W
DRAINAGE AREA, 9 840 km^2
NATURAL FLOW

ROOT RIVER NEAR THE MOUTH - STATION NO. 10GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	1 180 AT 11:00 MST ON JUN 5	1 090E ON AUG 8	8.30B ON MAR 30	3 540 000	1975
1976	---	2 750 ON MAY 27 *	8.35B ON DEC 30	3 340 000	1976
1977	595 AT 03:50 MST ON JUN 30	521 ON JUN 30	5.75B ON DEC 29	1 740 000	1977
1978	1 560 AT 06:10 MST ON JUL 25	1 220 ON JUL 25	4.53B ON APR 4	2 300 000	1978
1979	1 550A AT 08:50 MST ON JUL 2	994A ON JUL 2	2.30B ON APR 3 *	2 320 000	1979
1980	766 AT 05:30 MST ON AUG 4	641 ON AUG 4	3.20B ON JAN 10	1 860 000	1980
1981	---	330A ON JUL 23	8.00B ON MAR 11	1 750 000	1981
1982	2 400 AT 04:07 MST ON AUG 12 *	1 970A ON AUG 12	8.50B ON FEB 11	5 060 000	1982
				2 740 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAHNDAA CREEK AT WRIGLEY HIGHWAY - STATION NO. 10GC005

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.004	0.001	0	0.013	15.2	7.44	2.60	11.6	8.14	1.88	0.494	0.034	6.31	1982
MEAN	0.004	0.001	0	0.013	15.2	7.44	2.60	11.6	8.14	1.88	0.494	0.034	6.31	MEAN

LOCATION - LAT 62 03 30 N
LONG 122 12 10 W NATURAL FLOW

SAHNDAA CREEK AT WRIGLEY HIGHWAY - STATION NO. 10GC005

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	39.7 ON SEP 10 *	0.929 ON JUL 9 *	83 400	1982
				83 400	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAQVAQJUAC RIVER ABOVE SAQVAQJUAC INLET - STATION NO. 06OA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	3.41R	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	16.8	8.29	---	---	---	---	---	1980
1981	---	---	---	---	---	28.3	12.6	2.06	---	---	---	---	---	1981
MEAN	---	---	---	---	---	28.3	14.7	4.59R	---	---	---	---	---	MEAN

LOCATION - LAT 63 42 02 N DRAINAGE AREA, 607 km^2 DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA) R - REVISED SINCE JAN 1980
LONG 90 37 12 W NATURAL FLOW

SAQVAQJUAC RIVER ABOVE SAQVAQJUAC INLET - STATION NO. 06OA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	37.1 ON JUN 6	0A ON MAY 20 *	---	1979
1980	---	42.2 ON SEP 12	0 ON MAY 21	---	1980
1981	85.4 AT 23:00 CST ON JUN 18 *	79.4A ON JUN 18 *	0 ON JUN 1	---	1981
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEEPAGE CREEK AT NORMAN WELLS - STATION NO. 10KA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.092	0.666	0.150	---	---	---	---	1974
1975	0	0	0	0	1.41	0.116	0.015	0	0	0	0	0	0.130	1975
1976	0	0	0	0.034	0.377	0.142	0.005	0	0	0	0	0	0.047	1976
1977	0	0	0	0.005	0.503	0.014	0.001	0	0	0	0	0	0.044	1977
1978	0	0	0	0	0.024	0.099	0.036	0.003	0.002	0.001	0	0	0.014	1978
MEAN	0	0	0	0.010	0.579	0.093	0.030	0.134	0.030	0	0	0	0.059	MEAN

LOCATION - LAT 65 15 50 N DRAINAGE AREA, 30.8 km^2
LONG 126 43 20 W NATURAL FLOW

SEEPAGE CREEK AT NORMAN WELLS - STATION NO. 10KA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	12.2 AT 19:00 MST ON MAY 5 *	8.47 ON MAY 6 *	0B ON JAN 1 *	4 110	1975
1976	---	0.597 ON MAY 10	0B ON JAN 1	1 480	1976
1977	---	1.49 B ON MAY 6	0B ON JAN 1	1 400	1977
1978	0.235 AT 14:10 MST ON JUN 11	0.227 ON JUN 11	0B ON JAN 1	433	1978
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 860	MEAN

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10HB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.869	0.634	0.474	0.521	9.36	98.2	79.2	70.2	30.2	6.52	3.00	2.82	25.3	1982
MEAN	0.869	0.634	0.474	0.521	9.36	98.2	79.2	70.2	30.2	6.52	3.00	2.82	25.3	MEAN

LOCATION - LAT 62 45 40 N
LONG 126 41 30 W NATURAL FLOW

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10HB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	224 AT 05:11 MST ON JUN 20 *	189 ON JUN 20 *	0.450B ON MAR 16 *	797 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		797 000	MEAN

SIURAQ CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 06LC003

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	34.5R	6.66R	1.07R	0.763R	0.317R	0 R	0R	---	1979
1980	0	0	0	0	16.9	10.2	2.19	3.57	12.6 R	0.680R	0.165R	---	7.65R	1980
1981	---	---	0	0	---	---	---	3.99	---	---	---	---	---	1981
1982	---	---	0	0	0	17.6	7.68	1.21	10.6	6.59	0.143	---	7.20	1982
MEAN	0	0	0	0	8.45	20.8R	5.51R	2.46R	7.99 R	2.53 R	0.103R	0R	7.43	MEAN

LOCATION - LAT 62 38 00 N DRAINAGE AREA, 1 490 km^2 R - REVISED SINCE JAN 1980
LONG 98 32 00 W NATURAL FLOW

SIURAQ CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 06LC003

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	34.5 AT 04:11 CST ON MAY 14	33.8 ON MAY 14	0.050B ON MAY 1	122 000R	1980
1981	---	---	0 B ON MAY 1 *	---	1981
1982	37.8 AT 20:46 CST ON JUN 14 *	36.9 ON JUN 14 *	0 B ON MAY 1	115 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		119 000R	MEAN

SLAVE RIVER (EAST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	9.61	4.50	1.95	5.24	40.3	36.2	35.9	32.4	31.1	32.9	27.9	15.9	22.9	1980
MEAN	9.61	4.50	1.95	5.24	40.3	36.2	35.9	32.4	31.1	32.9	27.9	15.9	22.9	MEAN

LOCATION - LAT 61 17 55 N
LONG 113 38 10 W REGULATED SINCE 1968

SLAVE RIVER (EAST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	51.0B ON MAY 1 *	1.70B ON MAR 26 *	724 000	1980
				724 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SLAVE RIVER (MIDDLE CHANNEL EAST) NEAR FORT RESOLUTION - STATION NO. 07NC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	10.5	5.55	2.85	4.97	32.7	28.8	26.7	23.4	25.4	29.0	25.1	14.7	19.2	1980
MEAN	10.5	5.55	2.85	4.97	32.7	28.8	26.7	23.4	25.4	29.0	25.1	14.7	19.2	MEAN

LOCATION - LAT 61 17 25 N
LONG 113 39 10 W REGULATED SINCE 1968

SLAVE RIVER (MIDDLE CHANNEL EAST) NEAR FORT RESOLUTION - STATION NO. 07NC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	42.1B ON MAY 1 *	2.66B ON MAR 19 *	607 000	1980
				607 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SLAVE RIVER (MIDDLE CHANNEL WEST) NEAR FORT RESOLUTION - STATION NO. 07NC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	125	105	81.7	98.4	151	141	142	138	153	174	155	116	132	1980
MEAN	125	105	81.7	98.4	151	141	142	138	153	174	155	116	132	MEAN

LOCATION - LAT 61 16 20 N
LONG 113 40 00 W REGULATED SINCE 1968

SLAVE RIVER (MIDDLE CHANNEL WEST) NEAR FORT RESOLUTION - STATION NO. 07NC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	256B ON APR 30 *	76.0B ON MAR 24 *	4 170 000	1980
				4 170 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SLAVE RIVER (OLD STEAMBOAT CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	20.0	17.6	15.3	21.5	37.4	36.5	41.1	43.5	53.9	64.7	45.5	23.4	35.1	1980
MEAN	20.0	17.6	15.3	21.5	37.4	36.5	41.1	43.5	53.9	64.7	45.5	23.4	35.1	MEAN

LOCATION - LAT 61 15 00 N
LONG 113 37 24 W REGULATED SINCE 1968

SLAVE RIVER (OLD STEAMBOAT CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	68.5 ON OCT 19 *	11.1B ON MAR 27 *	1 110 000	1980
				1 110 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SLAVE RIVER (RESDELTA CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	1 790	1 830	1 720	1 700	2 600	2 950	3 120	2 710	2 570	2 490	2 010	1 360	2 240	1980
MEAN	1 790	1 830	1 720	1 700	2 600	2 950	3 120	2 710	2 570	2 490	2 010	1 360	2 240	MEAN

LOCATION - LAT 61 17 05 N
LONG 113 34 55 W REGULATED SINCE 1968

SLAVE RIVER (RESDELTA CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	3 430 ON JUL *	1 110B ON DEC 15 *	70 800 000	1980
				70 800 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SLAVE RIVER (WEST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	23.4	20.4	16.8	26.8	54.3	50.8	52.5	50.7	49.8	50.1	45.0	34.1	39.6	1980
MEAN	23.4	20.4	16.8	26.8	54.3	50.8	52.5	50.7	49.8	50.1	45.0	34.1	39.6	MEAN

LOCATICN - LAT 61 15 50 N
LONG 113 37 10 W REGULATED SINCE 1968

SLAVE RIVER (WEST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	94.8E ON MAY 1 *	16.1B ON MAR 23 *	1 250 000	1980
				1 250 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	4.65R	3.84R	---	---	---	1976
1977	---	---	---	---	---	---	21.4R	8.73R	6.40R	4.82R	3.58R	1.71 R	---	1977
1978	0.962	0.349	0.002	0.007	3.63	---	30.4	11.6	6.41	4.86	2.94	0.925	---	1978
1979	0.081	0	0	0	6.31	41.7	21.0	9.63	5.56	3.91	2.84	1.29	7.71	1979
1980	0.542	0.424	0.316	0.159	24.7	78.2	19.2	9.24	5.43	4.28	2.81	1.41	12.2	1980
1981	---	---	---	---	---	69.2	40.1	19.1	16.1	24.4	10.4	4.89	---	1981
1982	3.05	2.43	1.02	0.043	6.66	84.3	43.2	13.7	7.68	5.08	3.01	1.86	14.3	1982
MEAN	1.16	0.801	0.335	0.052	10.3	68.4	29.2R	12.0 R	7.46R	7.31R	4.26R	2.01 R	11.4	MEAN

LOCATION - LAT 66 31 31 N DRAINAGE AREA, 3 000 km^2
LONG 117 15 34 W NATURAL FLOW

R - REVISED SINCE JAN 1980

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	49.0 AT 23:50 MST ON JUN 24	48.4 ON JUN 24	0 B ON MAR 5 *	---	1978
1979	50.5 AT 14:30 MST ON JUN 13	49.8 ON JUN 13	0 B ON JAN 15	243 000	1979
1980	117 AT 02:55 MST ON JUN 5 *	117 ON JUN 5 *	0.141B ON APR 17	386 000	1980
1981	---	90.3 ON JUN 11	---	---	1981
1982	113 AT 18:06 MST ON JUN 20	107 ON JUN 21	0 B ON APR 16	453 000	1982
				361 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SNARE RIVER AT BIGSPRUCE LAKE - STATION NO. 07SA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	---	---	---	34.5	26.1	20.9	---	1949
1950	19.7	20.8	17.7	17.3	30.8	27.1	28.1	43.8	56.4	38.4	30.8	26.1	29.8	1950
1951	23.0	22.3	19.5	16.5	26.1	33.0	84.6	75.7	53.2	35.4	29.2	25.7	37.2	1951
1952	25.8	23.0	20.3	22.7	47.6	93.8	87.7	51.1	47.2	48.2	40.5	37.0	45.5	1952
1953	31.7	27.6	23.7	21.0	25.5	34.0	67.8	63.2	60.6	51.2	64.3	52.8	43.7	1953
1954	41.1	32.3	26.2	23.2	31.3	36.1	64.5	58.7	41.8	38.0	39.5	41.8	39.6	1954
1955	35.1	33.1	28.5	24.4	39.0	147	148	84.1	54.9	43.8	36.7	33.4	59.1	1955
1956	28.5	25.9	21.8	18.9	20.2	25.3	43.7	56.3	52.0	61.2	61.9	46.7	38.6	1956
1957	35.9	30.7	26.5	22.3	28.9	46.1	171	161	76.4	50.8	40.6	36.0	61.0	1957
1958	32.5	27.8	22.7	21.5	36.1	60.9	87.0	54.2	39.8	38.0	44.7	35.2	41.8	1958
1959	33.3	31.9	30.3	29.9	29.1	32.2	114	152	67.5	71.5	41.2	36.7	56.1	1959
1960	32.2	27.6	24.0	21.2	54.2	105	147	85.4	60.0	45.0	63.7	41.6	59.0	1960
1961	42.7	57.9	54.5	53.3	27.4	83.0	109	80.7	45.0	31.6	27.8	24.4	53.0	1961
1962	22.1	19.1	16.1	13.6	23.8	26.1	61.6	82.8	83.3	50.9	38.5	31.5	39.3	1962
1963	28.2	23.8	32.2	30.0	32.8	36.3	105	116	74.9	64.4	61.3	56.5	55.5	1963
1964	46.8	38.2	29.4	25.9	51.6	101	200	110	69.4	46.7	37.9	33.2	66.0	1964
1965	28.0	24.2	21.3	19.3	24.4	33.4	67.6	76.7	43.7	45.3	40.3	36.4	38.5	1965
1966	33.0	30.8	22.4	17.8	32.0	56.2	107	76.4	55.8	38.8	33.7	29.5	44.6	1966
1967	25.0	22.6	20.0	16.5	20.4	31.0	81.1	99.7	81.4	68.8	70.0	65.6	50.4	1967
1968	48.9	34.9	28.5	21.8	31.8	53.0	135	106	65.7	54.0	42.2	33.8	54.8	1968
1969	29.1	23.7	21.2	19.2	46.7	40.3	54.0	65.0	95.9	110	85.8	66.9	55.0	1969
1970	47.9	33.1	26.6	22.7	28.6	35.4	59.2	63.1	73.6	80.7	80.7	62.0	51.3	1970
1971	41.6	30.3	25.5	26.2	54.4	122	127	68.5	49.6	43.9	40.5	43.3	56.2	1971
1972	36.2	33.1	27.7	18.3	33.7	59.7	159	100	64.6	41.3	36.0	31.1	53.6	1972
1973	28.9	30.3	16.4	10.7	36.0	58.0	83.3	47.3	34.8	38.2	34.3	30.6	37.5	1973
1974	25.0	25.7	20.8	23.2	27.4	39.6	95.7	128	127	96.6	87.8	57.5	63.1	1974
1975	49.6	34.0	28.6	23.6	63.7	120	136	79.6	48.7	35.1	33.1	30.0	57.0	1975
1976	32.3	17.3	20.8	21.3	23.2	28.1	42.5	44.2	31.7	27.8	18.4	18.4	27.2	1976
MEAN	33.5	29.0	24.9	22.3	34.3	57.9	98.8	82.6	61.3	51.1	46.0	38.7	48.7	MEAN

LOCATION - LAT 63 30 43 N, LONG 116 00 21 W
DRAINAGE AREA, 15 200 km²
REGULATED

DATA CONTRIBUTED BY - NORTHERN CANADA POWER COMMISSION

SNARE RIVER AT BIGSPRUCE LAKE - STATION NO. 07SA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	---	---	216 000	1949
1950	---	---	---	939 000	1950
1951	---	---	---	1 170 000	1951
1952	---	---	---	1 440 000	1952
1953	---	---	---	1 380 000	1953
1954	---	---	---	1 250 000	1954
1955	---	---	---	1 860 000	1955
1956	---	---	---	1 220 000	1956
1957	---	---	---	1 920 000	1957
1958	---	---	---	1 320 000	1958
1959	---	---	---	1 770 000	1959
1960	---	---	---	1 870 000	1960
1961	---	---	---	1 670 000	1961
1962	---	---	---	1 240 000	1962
1963	---	---	---	1 750 000	1963
1964	---	---	---	2 090 000	1964
1965	---	---	---	1 210 000	1965
1966	---	---	---	1 410 000	1966
1967	---	---	---	1 590 000	1967
1968	---	---	---	1 730 000	1968
1969	---	---	---	1 730 000	1969
1970	---	---	---	1 620 000	1970
1971	---	---	---	1 770 000	1971
1972	---	---	---	1 700 000	1972
1973	---	---	---	1 180 000	1973
1974	---	---	---	1 990 000	1974
1975	---	---	---	1 800 000	1975
1976	---	---	---	861 000	1976
				1 490 000	MEAN

SNARE RIVER BELOW BIGSPRUCE LAKE - STATION NO. 07SA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	16.8	23.2	28.7	33.6	39.1	44.3	46.2	43.2	---	1945
1946	36.7	30.8	26.7	24.7	28.5	39.2	48.9	54.4	42.9	34.2	28.2	24.4	35.0	1946
1947	20.4	17.0	14.3	12.0	17.7	24.2	48.9	104	92.8	---	---	---	---	1947
MEAN	28.6	23.9	20.5	18.4	21.0	28.9	42.2	64.0	58.3	39.3	37.2	33.8	35.0	MEAN

LOCATION - LAT 63 30 43 N, LONG 116 00 21 W
DRAINAGE AREA, 15 500 km²
NATURAL FLOW

SNARE RIVER BELOW BIGSPRUCE LAKE - STATION NO. 07SA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	46.4E ON NOV 11	---	---	1945
1946	---	57.8 ON AUG 4	22.3E ON DEC 31	1 100 000	1946
1947	---	120 E ON SEP 3 *	11.1 ON APR 30 *	---	1947
				1 100 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

E - ESTIMATED

SNARE RIVER BELOW GHOST RIVER - STATION NO. 07SA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	---	65.5	52.4	42.0	---	1947
1948	33.1	23.7	17.4	13.4	16.1	27.8	88.2	111	103	90.8	73.4	55.0	54.6	1948
1949	41.0	31.9	26.5	24.2	25.7	55.9	106	97.7	79.2	---	---	---	---	1949
MEAN	37.1	27.8	22.0	18.8	20.9	41.9	97.1	104	91.1	78.2	62.9	48.5	54.6	MEAN

LOCATION - LAT 63 58 00 N DRAINAGE AREA, 13 900 km^2
LONG 115 28 00 W NATURAL FLOW

SNARE RIVER BELOW GHOST RIVER - STATION NO. 07SA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	112E ON JUL 27 *	12.9E ON APR 8 *	1 730 000	1948
1949	---	110E ON JUL 11	23.8E ON APR 21	---	1949
				1 730 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

E - ESTIMATED

SNOWBIRD CREEK NEAR BRADFORD ISLAND - STATION NO. 10TC018

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	0.212	3.04	0.310	---	---	---	---	---	1976
MEAN	---	---	---	---	---	0.212	3.04	0.310	---	---	---	---	---	MEAN

LOCATION - LAT 75 37 52 N DRAINAGE AREA, 87.0 km^2
LONG 101 19 02 W NATURAL FLOW

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILABLE

SNOWBIRD CREEK NEAR BRADFORD ISLAND - STATION NO. 10TC018

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	7.48 ON JUL 20 *	0B ON JUN 1 *	---	1976
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO. 07QB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	7.92	60.1	76.7	44.9	24.3	18.0	15.3	13.2	9.64	---	1976
1977	6.79	5.52	4.68	3.89	114	103	43.4	29.3	28.1	27.9	26.2	19.3	34.5	1977
1978	15.4	12.8	10.0	7.80	78.9	144	81.5	44.8	25.0	19.3	17.3	13.4	39.3	1978
1979	10.6	8.18	6.82	6.14	70.0	141	57.9	30.3	22.2	17.7	14.1	9.97	33.0	1979
1980	6.88	5.62	5.19	7.02	66.8	33.5	19.2	14.5	22.7	23.8	21.0	12.6	20.0	1980
1981	8.64	7.26	6.51	6.10	81.7	101	78.2	60.3	46.2	38.7	28.4	20.9	40.6	1981
1982	13.7	9.20	7.13	5.94	11.1	124	61.3	35.5	51.5	60.7	39.3	26.1	37.2	1982
MEAN	10.3	8.10	6.72	6.40	68.9	103	55.2	34.1	30.5	29.1	22.8	16.0	34.1	MEAN

LOCATION - LAT 62 10 30 N DRAINAGE AREA, 6 030 km^2
LONG 109 51 10 W NATURAL FLOW

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO. 07QB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOP THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	118 E ON MAY 25	---	---	1976
1977	---	226 E ON MAY 15	3.68B ON APR 27 *	1 090 000	1977
1978	210 AT 20:00 MST ON JUN 7	204 ON JUN 7	7.36B ON APR 17	1 240 000	1978
1979	291 AT 22:00 MST ON MAY 30 *	285 ON MAY 30 *	5.79B ON MAY 9	1 040 000	1979
1980	---	95.1 ON MAY 8	5.03B ON APR 14	632 000	1980
1981	---	203 ON MAY 26	5.94E ON APR 28	1 280 000	1981
1982	---	192 E ON JUN 10	5.04B ON MAY 15	1 170 000	1982
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 080 000	MEAN

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO. 10EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	96.7	72.5	64.4	---	---	1 670	923	721	474	---	---	---	---	1960
1961	---	---	---	---	---	---	---	---	416	324	---	---	---	1961
1962	---	68.0	65.1	---	---	2 960	1 520	859	540	375	176	116	---	1962
1963	102	87.8	79.3	89.7	751	1 460	1 370	751	769	405	190	102	515	1963
1964	96.3	93.4	87.8	82.1	435	1 960	1 090	920	494	285	141	106	483	1964
1965	64.3	66.1	54.8	65.5	386	873	971	488	349	---	---	---	---	1965
1966	---	---	---	---	---	1 230	970	611	485	---	---	---	---	1966
1967	---	---	---	---	---	---	---	573	389	---	---	---	---	1967
1968	---	---	---	---	---	1 540	1 250	850	636	304	191	124	---	1968
1969	77.9	49.7	34.8	36.5	---	960	812	726	412	214	112	89.6	---	1969
1970	78.8	72.2	66.1	66.5	603	1 120	951	818	480	330	170	98.0	406	1970
1971	72.6	61.8	52.4	---	---	1 200	814	522	321	169	79.9	60.8	---	1971
1972	51.7	49.8	43.9	---	---	1 530	---	851	358	194	96.8	70.1	---	1972
1973	44.6	38.3	44.3	88.4	882	1 350	748	593	540	192	115	82.8	395	1973
1974	61.0	55.8	49.0	83.8	587	1 390	883	1 130	531	195	99.5	109	433	1974
1975	81.0	68.0	59.7	83.3	651	1 590	1 090	626	446	301	103	90.3	435	1975
1976	66.9	58.8	56.7	104	907	1 160	1 170	705	377	225	133	101	424	1976
1977	82.4	65.8	66.7	83.0	612	1 290	882	865	515	223	75.5	72.6	405	1977
1978	67.2	50.4	46.3	43.1	364	1 060	1 170	697	336	239	134	79.2	360	1978
1979	64.9	54.6	47.2	44.1	624	1 430	1 100	729	444	267	86.7	74.3	416	1979
1980	74.9	58.5	44.1	63.0	506	960	804	604	469	362	135	110	350	1980
1981	97.1	64.3	56.5	60.5	706	981	640	454	414	207	110	104	326	1981
1982	76.8	58.2	55.6	57.5	475	1 260	763	641	396	207	111	102	351	1982
MEAN	75.4	62.9	56.6	70.1	606	1 380	996	715	460	264	126	94.0	408	MEAN

LOCATION - LAT 61 15 10 N DRAINAGE AREA, 33 400 km^2
LONG 124 02 10 W NATURAL FLOW

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO. 10EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	2 510 AT 13:00 PST ON JUN 24	2 380 ON JUN 24	---	---	1960
1961	---	---	---	---	1961
1962	8 210E ON JUN 17 *	6 370E ON JUN 17 *	---	---	1962
1963	3 740 AT 16:00 PST ON JUN 13	3 540 ON JUN 13	68.0B ON APR 1	16 200 000	1963
1964	2 820 AT 12:00 PST ON JUN 6	2 710 ON JUN 6	75.0B ON DEC 31	15 300 000	1964
1965	1 890 AT 16:00 PST ON JUL 18	1 840 ON JUL 18	51.8B ON MAR 20	---	1965
1966	2 040 AT 18:00 PST ON JUN 19	1 910 ON JUN 19	---	---	1966
1967	---	---	---	---	1967
1968	3 030 AT 11:00 PST ON JUN 28	2 680 ON JUN 28	---	---	1968
1969	---	1 560 ON JUL 14	32.8 ON MAR 24 *	---	1969
1970	2 250 AT 11:00 PST ON AUG 17	1 850 ON AUG 17	61.4B ON APR 15	12 800 000	1970
1971	---	1 570 ON JUN 12	---	---	1971
1972	---	---	40.5B ON MAR 27	---	1972
1973	---	2 380E ON JUN 11	37.1B ON FEB 11	12 400 000	1973
1974	2 830 AT 21:00 MST ON JUN 17	2 570 ON JUN 18	46.4B ON MAR 28	13 600 000	1974
1975	3 280 AT 20:00 MST ON JUN 4	2 800 ON JUN 4	57.5B ON MAR 24	13 700 000	1975
1976	---	2 040 ON JUL 3	55.2B ON MAR 9	13 400 000	1976
1977	1 900 AT 08:10 MST ON JUN 3	1 870 ON JUN 3	65.4B ON FEB 16	12 800 000	1977
1978	3 110 AT 04:00 MST ON JUL 3	2 920 ON JUL 3	42.5B ON APR 17	11 300 000	1978
1979	1 950 AT 09:00 MST ON JUN 25	1 920 ON JUN 25	43.0B ON APR 18	13 100 000	1979
1980	2 010 AT 18:50 MST ON JUN 10	1 930 ON JUN 11	42.5B ON MAR 20	11 100 000	1980
1981	1 830 AT 12:37 MST ON JUN 8	1 760 ON JUN 8	56.4B ON FEB 24	10 300 000	1981
1982	1 950 AT 10:47 MST ON JUN 15	1 910 ON JUN 15	54.0B ON APR 2	11 100 000	1982
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		12 900 000	MEAN

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10EB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	140	61.2	51.0	---	1960
1961	40.5	31.1	25.2	---	---	1 280	579	235	273	---	---	---	---	1961
1962	34.5	27.2	22.1	19.5	97.4	1 540	799	404	216	---	---	---	---	1962
1963	---	---	---	---	---	753	839	455	424	198	76.5	36.8	---	1963
1964	31.1	31.1	31.1	31.1	99.8	1 190	683	507	233	132	67.3	51.9	258	1964
1965	32.9	34.5	29.5	36.1	153	524	588	301	215	---	---	---	---	1965
1966	---	---	---	---	---	782	526	288	236	---	---	---	---	1966
1967	---	---	---	---	---	963	561	361	231	133	55.0	28.4	---	1967
1968	27.2	26.5	26.0	---	---	---	---	360	255	133	72.7	45.3	---	1968
1969	31.6	26.6	---	---	---	599	488	379	190	108	62.7	43.3	---	1969
1970	38.5	34.9	31.4	29.0	263	841	708	420	221	154	59.5	35.7	237	1970
1971	30.2	29.3	28.9	---	---	791	496	339	194	112	51.5	38.2	---	1971
1972	24.6	18.5	17.0	---	---	---	---	---	198	111	62.5	43.4	---	1972
1973	27.3	25.5	25.3	33.1	516	826	454	349	247	107	61.5	38.3	227	1973
1974	27.0	22.7	21.6	23.3	172	629	443	481	227	88.3	42.1	44.7	186	1974
1975	36.4	30.1	24.9	30.7	245	1 080	722	306	245	169	53.1	43.5	249	1975
1976	38.3	32.7	29.3	53.4	262	675	630	337	164	124	54.0	37.7	204	1976
1977	29.8	22.4	22.6	31.9	307	876	537	498	245	84.0	37.7	35.6	228	1977
1978	34.1	31.2	27.3	23.5	190	773	699	382	169	130	73.4	35.9	215	1978
1979	28.3	25.5	24.5	27.0	182	972	691	419	205	146	59.2	37.9	236	1979
1980	34.6	29.9	27.5	39.3	306	628	480	376	228	170	57.1	42.4	202	1980
1981	36.8	27.8	26.8	30.6	486	572	417	282	216	122	51.0	49.7	194	1981
1982	28.9	18.3	18.0	20.8	158	961	541	356	228	125	60.5	52.9	215	1982
MEAN	32.2	27.7	25.5	30.7	246	863	594	373	230	131	58.9	41.5	221	MEAN

LOCATION - LAT 61 38 00 N DRAINAGE AREA, 14 300 km^2
LONG 125 48 00 W NATURAL FLOW

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10EB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	2 320E ON JUN 12 *	---	---	1961
1962	---	1 700E ON JUN 7	19.5B ON APR 1	---	1962
1963	1 290 AT 12:30 PST ON JUL 7	1 270 ON JUL 7	---	---	1963
1964	1 700 AT 03:00 PST ON JUN 13	1 670 ON JUN 13	31.1B ON JAN 1	8 150 000	1964
1965	949 AT 20:00 PST ON JUL 17	900 ON JUL 18	28.3B ON MAR 14	---	1965
1966	1 390 AT 23:59 PST ON JUN 18	1 330 ON JUN 18	---	---	1966
1967	---	1 420 ON JUN 21	---	---	1967
1968	---	---	---	---	1968
1969	---	1 120 ON JUL 13	---	---	1969
1970	---	1 610 ON JUN 6	26.9B ON APR 19	7 490 000	1970
1971	---	1 310 ON JUN 22	---	---	1971
1972	---	1 630 ON MAY 31	15.9B ON MAR 13 *	---	1972
1973	---	1 420E ON MAY 28	25.2B ON FEB 27	7 150 000	1973
1974	1 030 AT 13:00 MST ON JUN 17	991 ON JUN 17	21.2B ON MAR 12	5 870 000	1974
1975	1 930 AT 15:00 MST ON JUN 4 *	1 850 ON JUN 4	23.8B ON MAR 24	7 860 000	1975
1976	---	1 360 ON JUL 1	28.3B ON MAR 10	6 450 000	1976
1977	1 180 AT 14:00 MST ON JUN 22	1 160 ON JUN 22	21.5B ON FEB 16	7 190 000	1977
1978	1 800 AT 17:50 MST ON JUL 3	1 730 ON JUL 3	22.7B ON APR 24	6 770 000	1978
1979	1 460 AT 01:20 MST ON JUN 25	1 400 ON JUN 25	24.5B ON FEB 26	7 430 000	1979
1980	---	1 200E ON JUN 11	27.0B ON MAR 3	6 400 000	1980
1981	1 410 AT 15:32 MST ON MAY 30	1 390 ON MAY 30	26.0B ON FEB 20	6 120 000	1981
1982	1 840 AT 17:43 MST ON JUN 15	1 810 ON JUN 15	18.0B ON FEB 18	6 760 000	1982
MEAN				6 970 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYLVIA GRINNELL RIVER NEAR FROBISHER B\Y - STATION NO. 10TE001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	1.26	0.757	0.261	0	0.037	42.2	158	57.2	42.5	13.1	4.87	1.84	75.6	1971
1972	---	---	---	---	---	4.40	132	79.6	48.6	13.4	5.69	---	66.7	1972
1973	---	---	---	---	---	89.3	223	76.6	56.0	26.1	---	---	112	1973
1974	---	---	---	---	---	---	78.7	67.9	---	---	---	---	---	1974
1975	---	---	---	---	---	---	120	71.2	59.3	---	---	---	---	1975
1976	---	---	---	---	---	---	236	95.7	35.5	---	---	---	---	1976
1977	---	---	---	---	---	---	164	48.3	41.9	---	---	---	---	1977
1978	---	---	---	---	---	---	342	123	---	---	---	---	---	1978
1979	---	---	---	---	---	---	283	121	130	---	---	---	---	1979
1980	---	---	---	---	---	---	86.2	36.2	28.9	---	---	---	---	1980
1981	---	---	---	---	---	---	115	44.8	---	---	---	---	---	1981
1982	---	---	---	---	---	---	73.8	66.2	33.9	15.5	---	---	---	1982
MEAN	1.26	0.757	0.261	0	0.037	45.3	168	74.0	53.0	17.0	5.28	1.84	84.8	MEAN

LOCATION - LAT 63 45 37 N DRAINAGE AREA, 3 030 km^2
LONG 68 35 38 W NATURAL FLOW

SYLVIA GRINNELL RIVER NEAR FROBISHER BAY - STATION NO. 10TE001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	283A ON JUL 8	0.566B ON JUN 1	796 000	1971
1972	---	306 ON JUL 22	0.113B ON JUN 1 *	702 000	1972
1973	445 AT 06:43 AST ON JUL 3 *	435 ON JUL 3 *	11.3 B ON JUN 1	1 180 000	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	262 AT 07:37 AST ON JUN 27	---	---	---	1980
1981	382 AT 09:30 AST ON JUN 29	---	---	---	1981
1982	---	320B ON JUN 20	---	---	1982
				893 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	49.6	39.4	51.1	52.5	38.4	25.9	---	1977
1978	21.2	17.3	12.9	10.5	28.7	80.7	58.1	45.4	35.0	34.5	33.8	25.9	33.7	1978
1979	20.4	17.5	15.8	15.0	18.3	95.7	61.2	38.1	20.7	26.1	23.0	19.9	31.8	1979
1980	16.6	14.2	12.8	14.3	37.1	39.2	28.0	24.6	32.8	38.1	41.1	36.7	27.9	1980
1981	31.3	25.1	19.7	16.6	49.6	81.5	108	90.2	65.9	49.8	37.5	32.2	50.8	1981
1982	26.9	22.3	18.3	14.9	82.0	231	114	68.7	81.2	85.8	55.9	38.3	70.1	1982
MEAN	23.3	19.3	15.9	14.3	43.1	106	69.8	51.1	49.2	47.8	38.2	29.8	42.9	MEAN

LOCATION - LAT 61 52 30 N DRAINAGE AREA, 12 800 km^2
LONG 107 40 30 W NATURAL FLOW

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	---	98.8 ON JUN 4	9.77B ON MAY 7 *	1 060 000	1978
1979	---	128 A ON JUN 13	14.6 B ON MAY 5	1 000 000	1979
1980	---	42.6B ON NOV 16	12.4 B ON MAR 26	884 000	1980
1981	---	131 ON JUL 21	16.1 B ON APR 14	1 600 000	1981
1982	---	362 E ON JUN 1 *	13.8 B ON MAY 1	2 210 000	1982
				1 350 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07QA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	67.4	64.6	80.6	108	128	120	105	96.9	93.2	93.1	---	1952
1953	87.3	78.4	69.4	60.6	66.1	79.0	88.0	102	114	115	118	135	92.9	1953
1954	135	119	102	86.7	81.7	256	---	---	---	---	---	---	---	1954
1962	---	---	111	95.7	115	282	440	433	363	318	297	265	---	1962
1963	228	186	151	---	---	252	281	281	284	287	306	299	---	1963
1964	255	215	169	137	242	370	385	293	231	185	163	151	233	1964
1965	132	109	85.9	73.6	89.8	119	280	351	281	213	175	150	172	1965
1966	129	111	92.3	82.6	141	221	276	289	305	321	288	244	209	1966
1967	197	152	122	100	125	226	289	335	307	260	228	202	213	1967
1968	170	144	124	95.6	139	223	219	199	---	---	---	---	---	1968
1969	241	195	161	141	169	168	120	85.3	60.5	63.3	74.6	85.1	130	1969
1970	92.2	88.1	85.5	87.2	109	106	73.8	59.6	49.5	84.0	135	153	93.6	1970
1971	145	128	110	97.3	131	141	114	86.6	75.5	83.7	85.7	87.8	107	1971
1972	86.3	77.2	59.3	48.0	95.3	168	200	179	153	137	148	186	125	1972
1973	132	117	106	96.5	127	182	178	155	162	203	215	196	156	1973
1974	167	143	122	112	166	192	220	224	218	265	304	278	202	1974
1975	239	199	162	140	293	458	415	328	294	278	281	251	279	1975
1976	214	181	155	156	287	359	318	247	181	142	137	129	209	1976
1977	114	102	95.9	99.8	131	179	170	131	133	142	161	171	136	1977
1978	149	128	116	110	151	181	148	129	114	103	103	110	128	1978
1979	101	89.2	81.4	76.5	85.8	143	155	129	107	95.0	108	116	107	1979
1980	105	92.7	87.7	92.9	136	132	90.3	79.8	90.3	109	108	103	102	1980
1981	100	92.8	86.3	83.7	146	155	160	217	220	205	185	170	152	1981
1982	154	131	110	95.3	166	322	398	323	255	241	242	225	223	1982
MEAN	153	131	110	97.1	142	209	224	208	186	179	180	171	162	MEAN

LOCATION - LAT 60 38 50 N
LONG 111 56 35 W REGULATED

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07QA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	141E ON DEC 28	56.9 ON APR 24	2 930 000	1953
1954	317 AT 22:00 MST ON JUL 13	---	---	---	1954
1962	464 AT 22:00 MST ON JUL 25 *	---	---	---	1962
1963	---	---	---	---	1963
1964	413 AT 23:00 MST ON JUL 3	413 ON JUL 2	125 ON APR 29	7 380 000	1964
1965	---	362 ON AUG 5	71.4 ON APR 24	5 430 000	1965
1966	---	326 ON OCT 4	76.2 ON MAY 4	6 590 000	1966
1967	---	340 ON AUG 11	91.7 ON APR 30	6 700 000	1967
1968	---	---	---	---	1968
1969	---	264 ON JAN 1	56.9 ON SEP 25	4 100 000	1969
1970	157 AT 21:10 MST ON DEC 24	156 ON DEC 20	46.2 ON SEP 8	2 950 000	1970
1971	---	154 ON JAN 1	69.1 ON SEP 18	3 380 000	1971
1972	---	201 ON JUL 7	42.8A ON APR 12 *	3 950 000	1972
1973	---	218 ON NOV 17	92.3 ON APR 22	4 920 000	1973
1974	---	311 ON NOV 8	108 ON APR 19	6 360 000	1974
1975	---	479 ON JUN 21 *	134 ON APR 21	8 790 000	1975
1976	---	368 ON JUN 12	122 E ON DEC 31	6 610 000	1976
1977	---	198 ON JUN 25	90.9 ON APR 11	4 290 000	1977
1978	---	187E ON JUN 13	95.7 ON NOV 13	4 050 000	1978
1979	165 AT 11:27 MST ON JUL 9	165 ON JUN 26	72.1E ON MAY 9	3 390 000	1979
1980	---	151 ON JUN 1	76.3 ON SEP 5	3 230 000	1980
1981	---	228 ON AUG 27	79.5 ON APR 19	4 800 000	1981
1982	410 AT 01:24 MST ON JUL 4	409 ON JUL 4	89.1 ON APR 21	7 020 000	1982
				5 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)   E - ESTIMATED   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TALTSON RIVER NEAR OUTLET OF NONACHO LAKE - STATION NO. 07QD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	136	---	172	---	---	1975
1976	105	88.4	84.6	88.5	124	139	144	123	100	89.9	85.8	76.0	104	1976
1977	64.5	58.6	68.1	72.4	81.4	76.5	73.7	93.7	91.7	87.5	96.3	87.0	79.4	1977
MEAN	84.8	73.5	76.4	80.5	103	108	109	108	109	88.7	118	81.5	91.7	MEAN

LOCATION - LAT 61 39 45 N   DRAINAGE AREA, 26 400 km^2
LONG 109 59 35 W   REGULATED

TALTSON RIVER NEAR OUTLET OF NONACHO LAKE - STATION NO. 07QD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	156 ON JUL 3 *	70.5B ON DEC 29	3 300 000	1976
1977	---	102 ON JUN 2	57.5B ON FEB 24 *	2 500 000	1977
				2 900 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD

THA-ANNE RIVER BELOW SOUTH HENIK LAKE - STATION NO. 06HD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	0	---	---	151	87.3	31.7	8.59	2.73	---	1978
1979	1.17	0.244	0	0	---	---	---	117	56.9R	---	---	---	---	1979
1980	---	---	---	---	23.9	57.3	61.5	51.6R	83.5R	49.9R	20.5 R	9.11R	---	1980
1981	3.29	1.12	0.287	0.002	---	---	---	140	77.1	42.2	15.5	4.72	---	1981
1982	1.44	0.610	0.112	0	0.484	110	194	101	51.0	20.1	5.46	1.01	40.7	1982
MEAN	1.48	0.494	0.100	0.001	8.13	83.6	128	112 R	71.2R	36.0R	12.5 R	4.39R	40.7	MEAN

LOCATION - LAT 61 08 10 N   DRAINAGE AREA, 7 200 km^2
LONG 97 08 00 W   NATURAL FLOW

R - REVISED SINCE JAN 1980

THA-ANNE RIVER BELOW SOUTH HENIK LAKE - STATION NO. 06HD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	---	0 B ON FEB 22 *	---	1979
1980	75.7 AT 15:50 CST ON JUL 3	---	5.75RB ON DEC 31	---	1980
1981	---	---	0 B ON APR 4	---	1981
1982	221 AT 16:30 CST ON JUL 7 *	219 ON JUL 8 *	0 B ON APR 1	1 280 000	1982
				1 280 000	MEAN

B - ICE CONDITIONS   * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

THELON RIVER ABOVE BAKER LAKE - STATION NO. 06MA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	306	273	247	313	748	2 450	1 370	837	933	979	729	428	802	1973
1974	267	203	171	196	389	2 510	1 410	1 190	911	451	363	342	701	1974
1975	318	324	318	318	374	2 150	1 660	1 010	902	793	626	483	774	1975
1976	359	249	203	296	445	2 210	2 320	1 190	894	746	576	451	830	1976
1977	418	294	277	254	287	2 330	2 070	1 010	743	662	514	361	770	1977
1978	254	211	247	258	323	1 010	3 160	1 780	1 000	735	558	397	835	1978
1979	291	274	258	244	257	---	---	1 070	733	604	473	370	---	1979
1980	293	236	191	153	---	---	---	701	822R	666R	532R	416R	---	1980
1981	321	263	215	179	180	1 530	1 770	1 130	791	593	493	412	659	1981
1982	336	266	200	146	135	1 370	2 040	1 110	860	765	541	409	685	1982
MEAN	316	259	233	236	349	1 950	1 980	1 100	859R	699R	541R	407R	757	MEAN

LOCATION - LAT 64 23 50 N DRAINAGE AREA, 154 000 km²
LONG 96 24 30 W NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - STATION NOW LOCATED AT 06MA006 THELON RIVER BELOW OUTLET SHULTZ LAKE

THELON RIVER ABOVE BAKER LAKE - STATION NO. 06MA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	3 060E ON JUN 6	235B ON MAR 19	25 300 000	1973
1974	---	3 230E ON JUN 14	161B ON MAR 19	22 100 000	1974
1975	---	2 610E ON JUN 12	274B ON JAN 6	24 400 000	1975
1976	---	3 200A ON JUN 23	193B ON MAR 13	26 200 000	1976
1977	---	2 820B ON JUN 9	212B ON FEB 22	24 300 000	1977
1978	---	3 510B ON JUL 2 *	187B ON FEB 8	26 300 000	1978
1979	---	---	227B ON MAY 23	---	1979
1980	---	---	---	---	1980
1981	---	2 790E ON JUN 19	175B ON APR 20	20 800 000	1981
1982	---	2 870 ON JUN 29	126B ON MAY 10 *	21 600 000	1982
				23 900 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 06JC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	689	894	414	---	---	---	1970
1972	32.5	25.8	16.1	9.18	16.2	169	487	260	209	49.8	25.7	17.0	110	1972
1973	18.5	14.9	11.5	8.98	80.1	732	339	338	559	381	138	26.1	221	1973
1974	20.9	20.4	19.9	19.4	272	937	410	391	240	119	86.3	57.0	217	1974
1975	17.0	9.06	9.06	30.0	89.0	878	387	255	349	122	69.0	53.2	189	1975
1976	37.1	24.1	10.3	11.8	55.8	1 000	503	240	249	153	72.6	26.3	198	1976
1977	7.98	7.29	8.67	9.50	156	911	332	221	218	198	129	72.8	189	1977
1978	25.4	7.26	7.18	10.6	21.1	838	1 040	412	271	232	132	21.0	253	1978
1979	20.0	16.9	14.2	11.9	15.1	---	---	270	191R	125 R	87.4R	62.1R	---	1979
1980	43.9	31.1	22.0	15.5	357	464	199	202	257R	97.8R	66.5R	46.1R	150R	1980
1981	36.0	31.1	30.0	30.0	31.2	758	607	305	---	---	---	---	---	1981
1982	100	74.4	55.3	40.8	40.6	742	453	284	270	219	103	47.0	203	1982
MEAN	32.7	23.8	18.6	18.0	103	743	476	322	337R	192 R	91.0R	42.9R	192	MEAN

LOCATION - LAT 64 32 10 N DRAINAGE AREA, 65 300 km²
LONG 101 23 50 W NATURAL FLOW

R - REVISED SINCE JAN 1980

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 06JC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1972	---	697E ON JUL 5	6.12B ON APR 11	3 480 000	1972
1973	---	1 140E ON JUN 15	8.41B ON APR 29	6 960 000	1973
1974	---	1 250E ON JUN 12	19.0 B ON MAY 9	6 830 000	1974
1975	---	1 390E ON JUN 17	9.06B ON JAN 15	5 960 000	1975
1976	---	1 570B ON JUN 19	5.55B ON MAR 26 *	6 260 000	1976
1977	---	1 490B ON JUN 5	5.66B ON FEB 22	5 970 000	1977
1978	---	1 640B ON JUN 30 *	5.55B ON FEB 17	7 970 000	1978
1979	---	---	---	---	1979
1980	872 AT 12:00 CST ON MAY 27	872 ON MAY 27	---	4 750 000R	1980
1981	---	1 230E ON JUN 14	30.0 B ON FEB 26	---	1981
1982	1 510 AT 01:00 CST ON JUN 6 *	1 440 ON JUN 5	32.0 B ON MAY 20	6 380 000	1982
				6 060 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

THLEWIAZA RIVER BELOW SEALHOLE LAKE - STATION NO. 06NB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	159	137	118	110	107	116	174	295	293	265	226	196	183	1978
1980	---	---	---	---	---	121	126	130	155R	183R	192R	166R	---	1980
1981	143	123	106	90.1	81.8	166	258	274	241	207	181	159	170	1981
1982	145	124	106	90.5	85.5	208	296	289	258	241	193	161	183	1982
MEAN	149	128	110	96.9	91.4	153	214	247	237R	224R	198R	171R	179	MEAN

LOCATION - LAT 60 46 00 N DRAINAGE AREA, 36 300 km²
LONG 98 47 00 W NATURAL FLOW

R - REVISED SINCE JAN 1980

THLEWIAZA RIVER BELOW SEALHOLE LAKE - STATION NO. 06NB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	306 ON AUG 27	106 B ON MAY 4	5 780 000	1978
1980	---	---	---	---	1980
1981	290 AT 18:10 CST ON AUG 6	286 ON AUG 1	80.5B ON MAY 16	5 350 000	1981
1982	318 AT 01:00 CST ON JUL 20 *	309 ON JUL 27 *	78.0B ON MAY 16 *	5 790 000	1982
				5 640 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

THOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	41.3	24.8	16.4	13.9	14.0	12.3	10.2	---	1969
1970	8.91	7.73	7.13	7.80	33.4	33.4	25.9	22.3	27.3	41.9	41.8	30.2	24.1	1970
1971	20.7	15.4	12.1	12.4	50.7	42.8	30.5	18.2	14.2	17.2	21.9	17.5	22.9	1971
1972	10.4	7.03	6.01	6.25	56.3	100	82.6	42.4	36.4	34.1	30.7	22.9	36.4	1972
1973	16.9	12.6	10.5	9.21	60.9	56.8	37.2	35.3	39.7	45.1	37.1	26.4	32.4	1973
1974	18.2	13.1	10.2	10.5	42.7	63.9	80.0	71.9	77.6	72.7	53.7	32.9	45.8	1974
1975	17.5	12.0	9.65	11.7	118	94.8	65.1	54.4	58.7	50.0	48.2	38.0	48.4	1975
1976	26.7	20.5	16.5	23.8	132	97.3	50.1	28.6	25.6	27.8	25.6	19.6	41.2	1976
1977	15.4	13.8	12.1	13.2	51.9	67.0	44.7	30.3	41.7	44.9	48.7	40.5	35.4	1977
1978	22.5	15.5	12.0	10.1	39.3	46.6	42.8	36.7	24.9	23.2	21.2	16.1	26.0	1978
1979	13.4	11.8	10.7	9.91	32.1	86.3	53.2	26.4	17.2	20.6	26.2	17.5	27.1	1979
1980	12.9	10.7	8.60	15.6	66.8	39.6	38.4	33.4	47.3	48.5	44.7	30.4	33.1	1980
1981	19.0	14.6	12.2	10.7	53.2	56.1	75.2	65.3	49.2	43.9	37.6	32.5	39.3	1981
1982	22.5	15.4	11.7	9.76	115	190	70.5	44.2	48.8	68.7	51.4	34.6	57.0	1982
MEAN	17.3	13.1	10.7	11.6	65.6	72.6	51.5	37.6	37.3	39.5	35.8	26.4	36.1	MEAN

LOCATION - LAT 60 30 00 N DRAINAGE AREA, 9 630 km²
LONG 109 39 00 W NATURAL FLOW

THOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	47.0E ON OCT 28	6.68 ON APR 3	759 000	1970
1971	---	56.9 ON MAY 12	9.29 ON APR 14	722 000	1971
1972	117 E ON JUN 22 *	117 E ON JUN 22	5.86B ON MAR 15 *	1 150 000	1972
1973	96.3 AT 18:00 ON MAY 20	96.0 ON MAY 20	8.92 ON APR 25	1 020 000	1973
1974	---	96.6 ON JUL 25	8.92 ON MAR 30	1 450 000	1974
1975	---	145 E ON MAY 20	9.00B ON APR 13	1 530 000	1975
1976	---	142 ON MAY 24	15.1 ON APR 7	1 300 000	1976
1977	---	73.1 ON JUN 8	10.6 ON APR 5	1 120 000	1977
1978	52.4 AT 07:20 MST ON MAY 20	52.4 ON MAY 20	9.66 ON APR 26	820 000	1978
1979	101 AT 13:00 MST ON JUN 3	100 ON JUN 2	9.38E ON MAY 11	857 000	1979
1980	---	90.7 ON MAY 6	7.78 ON APR 14	1 050 000	1980
1981	---	108 E ON JUL 26	9.37E ON APR 23	1 240 000	1981
1982	---	264 ON JUN 4 *	9.11 ON APR 21	1 800 000	1982
				1 140 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07RC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0	0	0	0	0.109	23.2	23.0	11.2	5.91	3.26	0.284	0	8.36	1982
MEAN	0	0	0	0	0.109	23.2	23.0	11.2	5.91	3.26	0.284	0	8.36	MEAN

LOCATION - LAT 64 08 40 N
LONG 108 54 00 W NATURAL FLOW

THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07RC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	29.7E ON JUN 15 *	0B ON MAY 1 *	177 000	1982
				177 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	2.12	2.37	0.271	0.503	0.254	---	---	---	---	1977
1978	---	---	---	---	---	2.29	0.803	---	---	---	---	---	---	1978
1979	0	0	0	0	0.785	0.692	0.087	0.362	1.10	0.108	0	0	0.389	1979
1980	0	0	0	0	0	---	0.051	0.736	0.867	0.001	0	0	---	1980
1981	0	0	0	0	0.833	2.19	1.16	0.733	0.256	0.020	0	0	0.644	1981
1982	0	0	0	0	0.010	2.88	0.132	0.031	0.135	0.091	0.014	0.001	0.404	1982
MEAN	0	0	0	0	0.750	2.08	0.414	0.473	0.522	0.055	0.004	0	0.479	MEAN

LOCATION - LAT 68 44 20 N, LONG 133 29 00 W
DRAINAGE AREA, 62.9 km^2
NATURAL FLOW

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	45.9 B ON MAY 31 *	0B ON MAY 1 *	---	1977
1978	---	7.08B ON JUN 7	0A ON AUG 24	---	1978
1979	---	4.25B ON MAY 27	0B ON MAY 1	8 230	1979
1980	---	---	0B ON MAY 1	---	1980
1981	---	7.20B ON MAY 30	0B ON MAY 1	13 600	1981
1982	---	8.13 ON JUN 9	0B ON MAY 1	8 550	1982
				10 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	8.41	6.38	5.08	5.31	11.7	21.7	57.2	114	104	60.0	30.5	14.8	36.9	1969
1970	8.75	6.68	5.66	5.87	8.90	74.8	93.5	75.0	74.0	62.6	41.8	18.3	39.8	1970
1971	9.66	7.58	5.23	4.03	3.94	28.4	87.8	67.9	55.4	45.1	35.7	27.1	31.7	1971
1972	20.3	15.4	12.3	8.66	5.98	85.9	136	69.8	43.6	26.4	16.4	10.7	37.7	1972
1973	8.19	7.15	6.96	7.92	13.2	61.0	90.0	62.8	47.2	35.8	14.9	8.26	30.4	1973
1974	6.82	6.61	6.57	7.01	12.7	41.3	79.7	58.7	37.5	24.3	18.6	16.3	26.5	1974
1975	15.6	14.6	10.6	6.59	9.48	66.2	113	54.7	37.3	25.4	13.9	9.91	31.6	1975
1976	7.32	3.43	1.89	4.43	14.5	57.3	145	81.2	54.5	50.3	27.4	17.2	38.9	1976
1977	12.6	6.38	3.05	3.86	12.4	62.7	121	91.2	50.8	36.2	19.9	10.1	36.1	1977
1978	4.91	3.47	3.15	3.40	---	---	---	82.8	53.0	30.4	21.5	14.8	---	1978
1979	8.96	6.72	5.89	5.54	9.54	29.0	78.1	72.3	46.1	27.2	18.1	12.9	26.9	1979
1980	9.69	7.00	5.56	5.22	11.7	42.0	86.0	76.3	49.9	27.5	15.8	9.44	29.0	1980
1981	6.49	5.80	5.95	7.13	12.2	76.7	110	76.0	78.7	86.8	27.7	6.82	41.9	1981
1982	2.96	2.13	1.17	0.643	8.511	14.9	141	95.7	78.9	50.2	20.5	15.6	36.4	1982
MEAN	9.33	7.10	5.65	5.40	9.75	50.9	103	77.0	57.9	42.0	23.6	13.7	34.1	MEAN

LOCATION - LAT 67 38 10 N, LONG 111 53 30 W
DRAINAGE AREA, 5 960 km^2
NATURAL FLOW

TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	135 E ON AUG 26	4.81 B ON MAR 26	1 160 000	1969
1970	---	108 E ON JUN 26	5.38 B ON MAR 24	1 260 000	1970
1971	---	93.4 ON JUL 18	3.68 B ON APR 23	999 000	1971
1972	---	173 E ON JUL 3 *	5.66 B ON MAY 15	1 190 000	1972
1973	103 AT 23:30 ON JUL 4	102 ON JUL 2	6.80 B ON MAR 6	959 000	1973
1974	---	94.9 ON JUL 16	6.51 B ON MAR 1	837 000	1974
1975	141 AT 08:00 MST ON JUL 1 *	140 ON JUL 1	5.58 B ON APR 27	995 000	1975
1976	---	170 ON JUL 8	1.68 B ON MAR 23	1 230 000	1976
1977	---	127 E ON JUL 15	2.77 B ON MAR 22	1 140 000	1977
1978	101 AT 19:00 MST ON JUL 31	100 ON JUL 27	3.06 B ON APR 5	---	1978
1979	98.2 AT 03:21 MST ON JUL 21	98.0 ON JUL 21	5.32 B ON APR 17	848 000	1979
1980	94.1 AT 11:00 MST ON JUL 12	93.3 ON JUL 11	5.13 B ON APR 27	915 000	1980
1981	135 AT 02:10 MST ON JUN 29	129 ON JUN 29	3.65 B ON DEC 31	1 320 000	1981
1982	---	165 ON JUL 8	0.500B ON MAY 10 *	1 150 000	1982
MEAN				1 080 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

TROUT RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	20.5	---	---	---	---	---	1969
1970	---	---	---	---	---	---	37.1	12.5	12.6	---	---	0.736	---	1970
1971	0.249	0.155	0.100	---	---	65.7	30.1	12.9	5.30	3.25	0.686	0.141	---	1971
1972	0.101	0.041	0.001	---	---	156	53.8	27.1	12.5	6.26	1.50	0.337	---	1972
1973	0.199	0.134	0.129	2.85	78.1	109	127	45.3	35.2	19.2	2.95	1.50	35.4	1973
1974	1.23	0.368	0.308	8.27	149	134	68.4	58.6	45.5	24.6	12.3	5.62	42.6	1974
1975	2.03	1.43	1.87	22.4	109	63.8	32.8	34.4	28.7	29.6	7.56	2.21	28.2	1975
1976	0.999	0.461	0.329	35.8	195	115	52.4	72.9	117	52.5	14.2	2.71	55.0	1976
1977	0.850	0.850	0.956	7.71	100	177	96.2	61.8	29.0	18.1	3.19	0.809	41.6	1977
1978	0.535	0.499	0.448	1.88	98.3	73.9	48.7	22.5	11.5	7.06	1.55	0.232	22.4	1978
1979	0.110	0.104	0.099	0.484	115	159	62.0	32.7	23.0	21.2	3.75	0.190	35.0	1979
1980	0.082	0.084	0.047	6.55	21.8	21.8	21.7	11.5	8.64	10.7	1.12	0.107	8.72	1980
1981	0.037	0.030	0.048	0.118	103	61.5	24.7	8.05	5.04	9.83	3.45	0.849	18.2	1981
1982	0.484	0.433	0.414	0.573	210	168	50.0	29.8	29.9	20.8	2.86	2.04	43.2	1982
MEAN	0.576	0.382	0.396	8.66	118	109	54.2	32.2	28.0	18.6	4.59	1.34	33.0	MEAN

LOCATION - LAT 61 08 00 N DRAINAGE AREA, 9 510 km^2
LONG 119 49 30 W NATURAL FLOW

TROUT RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	0.045B ON APR 13	---	1971
1972	---	---	0 B ON MAR 6 *	---	1972
1973	216 AT 01:00 MST ON JUL 1	214 ON JUL 1	0.113B ON MAR 12	1 110 000	1973
1974	238 AT 07:00 MST ON MAY 16	238 ON MAY 16	0.297B ON FEB 20	1 340 000	1974
1975	---	127 E ON MAY 4	1.41 B ON FEB 5	888 000	1975
1976	---	269 E ON MAY 1	0.311B ON MAR 27	1 740 000	1976
1977	314 AT 05:10 MST ON JUN 6	311 ON JUN 6	0.623B ON DEC 31	1 310 000	1977
1978	---	131 A ON MAY 6	0.170B ON DEC 26	707 000	1978
1979	278 AT 23:20 MST ON MAY 29	275 ON MAY 29	0.096B ON MAR 21	1 100 000	1979
1980	44.9 AT 14:40 MST ON JUL 18	43.5 ON JUL 18	0.035B ON MAR 17	276 000	1980
1981	---	216 A ON MAY 9	0.010B ON FEB 11	574 000	1981
1982	554 E ON MAY 20 *	522 E ON MAY 20 *	0.395B ON APR 9	1 360 000	1982
MEAN				1 040 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

TROUT RIVER NEAR OUTLET OF TROUT LAKE - STATION NO. 10FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	1.82	2.91	4.85	74.7	112	42.4	16.9	8.31	5.36	1.11	0.070	---	1967
1968	---	---	---	---	---	---	73.0	55.8	52.9	38.8	15.5	---	---	1968
MEAN	---	1.82	2.91	4.85	74.7	112	57.7	36.4	30.6	22.1	8.31	0.070	---	MEAN

LOCATION - LAT 60 46 00 N
LONG 121 06 30 W NATURAL FLOW

TROUT RIVER NEAR OUTLET OF TROUT LAKE - STATION NO. 10FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	151 ON MAY 31 *	0.028B ON DEC 26	---	1967
1968	---	89.5 ON JUN 19	0 A ON FEB 24 *	---	1968
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	---	2.26	0.651	0.373	---	1975
1976	0.281	0.237	0.225	0.253	1.26	16.3	12.8	4.49	2.95	2.36	1.09	0.488	3.56	1976
1977	0.328	0.315	0.314	0.314	0.495	7.14	8.15	4.77	1.83	1.26	0.612	0.299	2.16	1977
1978	0.196	0.159	0.156	0.237	2.51	17.4	8.64	5.50	2.11	1.79	0.966	0.298	3.34	1978
1979	0.060	0.056	0.063	0.058	2.53	19.9	10.6	5.59	2.74	2.16	1.05	0.345	3.77	1979
1980	0.191	0.180	0.199	0.233	1.47	11.0	8.10	6.38	2.94	2.44	0.832	0.352	2.87	1980
1981	0.289	0.254	0.225	0.226	9.56	9.00	6.80	3.48	3.92	2.35	1.47	0.737	3.21	1981
1982	0.415	0.175	0.120	0.117	1.77	16.1	8.13	5.01	2.60	1.53	0.514	0.345	3.07	1982
MEAN	0.251	0.197	0.186	0.205	2.80	13.8	9.03	5.03	2.73	2.02	0.898	0.405	3.14	MEAN

LOCATION - LAT 63 18 10 N DRAINAGE AREA, 212 km^2
LONG 129 47 30 W NATURAL FLOW

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	24.9E ON JUN 8	0.218B ON MAR 31	112 000	1976
1977	15.8 AT 10:30 MST ON JUL 9	13.1 ON JUL 9	0.235B ON DEC 31	68 200	1977
1978	35.1 AT 22:30 MST ON JUN 8 *	30.0 ON JUN 8 *	0.113B ON DEC 28	105 000	1978
1979	28.7 AT 23:30 MST ON JUN 3	25.0 ON JUN 12	0.045B ON JAN 15 *	119 000	1979
1980	---	14.5 ON JUL 1	0.180B ON JAN 26	90 700	1980
1981	27.1 AT 00:03 MST ON MAY 29	23.4 ON MAY 29	0.156B ON MAY 3	101 000	1981
1982	32.3 AT 22:25 MST ON JUN 11	27.4 ON JUN 12	0.114B ON APR 22	97 000	1982
				99 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10TE004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	0.244	0.189	---	---	---	---	---	1975
1976	---	---	---	---	---	---	1.52	0.550	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	0.137	0.042	---	---	---	---	1977
1979	---	---	---	---	---	---	---	0.467	0.227	---	---	---	---	1979
1980	---	---	---	---	---	---	---	0.318	0.162	---	---	---	---	1980
1981	---	---	---	---	---	---	---	0.349	---	---	---	---	---	1981
1982	---	---	---	---	---	2.01	0.176	0.149	0.011	---	---	---	0.579	1982
MEAN	---	---	---	---	---	2.01	0.647	0.308	0.111	---	---	---	0.579	MEAN

LOCATION - LAT 67 33 00 N DRAINAGE AREA, 30.6 km^2
LONG 63 55 00 W NATURAL FLOW

TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10TE004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1979	---	---	---	---	1979
1980	---	---	---	---	1980
1981	---	---	---	---	1981
1982	8.51 AT 17:47 CST ON JUN 26 *	6.60A ON JUN 23 *	0B ON JUN 1 *	6 110	1982
				6 110	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TWITYA RIVER NEAR THE MOUTH - STATION NO. 10HA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1982	7.62	5.29	4.75	4.99	67.1	220	130	139	61.1	32.9	15.0	13.2	58.6	1982
MEAN	7.62	5.29	4.75	4.99	67.1	220	130	139	61.1	32.9	15.0	13.2	58.6	MEAN

LOCATION - LAT 64 09 10 N
LONG 128 18 30 W NATURAL FLOW

TWITYA RIVER NEAR THE MOUTH - STATION NO. 10HA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	35.1 AT 22:30 MST ON JUN 8	---	---	---	1978
1982	377 AT 06:16 MST ON JUN 13 *	350 ON JUN 12 *	4.70B ON MAR 12 *	1 850 000	1982
				1 850 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

UNION RIVER AT OUTLET OF STANWELL-FLETCHER LAKE - STATION NO. 10TD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	40.9	---	---	---	---	---	1976
MEAN	---	---	---	---	---	---	---	40.9	---	---	---	---	---	MEAN

LOCATION - LAT 72 44 00 N DRAINAGE AREA, 1 970 km^2
LONG 94 26 00 W NATURAL FLOW

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILBALE

WALDRON RIVER NEAR THE MOUTH - STATION NO. 07SC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	1.36	0.964	0.739	0.597	2.89	36.7	24.3	9.28	4.91	3.23	2.78	2.13	7.51	1979
1980	1.66	1.41	1.18	---	---	---	---	3.24	2.43	2.20	2.10	1.78	---	1980
1982	0.716	0.621	0.516	0.420	0.493	12.6	12.5	6.79	6.42	4.78	2.78	1.90	4.22	1982
MEAN	1.25	0.998	0.812	0.509	1.69	24.7	18.4	6.44	4.59	3.40	2.55	1.94	5.87	MEAN

LOCATION - LAT 63 02 50 N
LONG 110 29 00 W NATURAL FLOW

WALDRON RIVER NEAR THE MOUTH - STATION NO. 07SC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	45.5 AT 03:35 MST ON JUN 18 *	45.3 ON JUN 17 *	0.564B ON APR 23	237 000	1979
1980	---	---	---	---	1980
1982	---	18.6 ON JUN 18	0.390E ON APR 27 *	133 000	1982
				185 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

WELDON CREEK NEAR THE MOUTH - STATION NO. 10LA004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	2.14	---	---	0.299	0.236	0.220	0.004	0	---	1978
1979	0	0	0	0.007	25.2	3.62	1.25	0.230	2.35	2.45	0.021	0	5.87	1979
1980	0	0	0	0	30.3	5.07	0.238	0.683	1.12	0.631	0.055	0	6.38	1980
1981	0	0	0	0.019	19.8	11.1	7.48	3.06	2.91	2.84	0.439	0	7.87	1981
1982	0	0	0	0	23.6	24.6	1.53	0.652	0.477	0.208	0.001	0	8.47	1982
MEAN	0	0	0	0.005	20.2	11.1	2.62	0.985	1.42	1.27	0.104	0	7.15	MEAN

LOCATION - LAT 66 23 10 N DRAINAGE AREA, 847 km^2
LONG 132 39 00 W NATURAL FLOW

WELDON CREEK NEAR THE MOUTH - STATION NO. 10LA004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	0 B ON MAY 1 *	---	1978
1979	---	49.6B ON MAY 17	0.136 ON AUG 24	93 400	1979
1980	---	120 B ON MAY 24	0 B ON MAY 1	101 000	1980
1981	---	44.0 ON MAY 7	0.360B ON MAY 1	125 000	1981
1982	---	126 B ON MAY 26 *	0 B ON MAY 1	135 000	1982
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		114 000	MEAN

WHITE BEAR CREEK NEAR BRADFORD ISLAND - STATION NO. 10TC019

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	0.356	0.057	---	---	---	---	---	1976
MEAN	---	---	---	---	---	---	0.356	0.057	---	---	---	---	---	MEAN

LOCATION - LAT 75 39 02 N DRAINAGE AREA, 14.2 km²
LONG 101 19 02 W NATURAL FLOW

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILABLE

WHITEFISH RIVER NEAR THE MOUTH - STATION NO. 10JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	12.2 R	2.14R	1.16R	0.881R	0.498R	0.149R	---	1977
1978	0.022	0.004	0.007	0.008	13.9	66.9	24.4	5.42	2.95	3.20	1.58	0.978	9.95	1978
1979	0.412	0.101	0.042	0.080	72.1	46.9	7.60	1.28	2.23	2.21	1.30	0.935	11.3	1979
1980	0.559	0.160	0	0.120	131	58.2	8.85	4.16	6.97	5.36	2.56	0.636	18.3	1980
1981	---	---	---	---	---	20.3	9.83	2.55	1.17	2.84	2.19	1.39	---	1981
1982	0	0	0	0	39.1	96.3	19.3	9.48	4.41	2.84	2.04	1.25	14.6	1982
MEAN	0.248	0.066	0.012	0.052	64.0	57.7	13.7 R	4.17R	3.15R	2.89 R	1.69 R	0.890R	13.5	MEAN

LOCATION - LAT 65 43 30 N DRAINAGE AREA, 4 840 km²
LONG 124 36 40 W NATURAL FLOW

R - REVISED SINCE JAN 1980

WHITEFISH RIVER NEAR THE MOUTH - STATION NO. 10JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	81.0 AT 14:00 MST ON JUN 11	80.1 ON JUN 11	0.004B ON JAN 30	313 000	1978
1979	220 AT 03:10 MST ON MAY 18	196 ON MAY 18	0.016B ON FEB 23	358 000	1979
1980	286 AT 14:05 MST ON MAY 15 *	284 ON MAY 15 *	0 B ON FEB 21 *	579 000	1980
1981	---	---	---	---	1981
1982	---	177 E ON MAY 28	0 B ON JAN 1	460 000	1982
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		428 000	MEAN

WILLOWLAKE RIVER NEAR THE MOUTH - STATION NO. 10GB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	13.4	8.78	6.82	5.49	---	---	87.3	43.6	52.5	46.9	25.9	13.7	---	1964
1965	10.5	7.77	5.02	---	---	243	69.3	32.4	19.0	23.0	7.77	4.68	---	1965
1966	3.05	3.24	2.28	2.34	188	197	63.4	35.1	19.4	23.5	13.4	9.74	47.0	1966
1967	7.20	6.21	7.01	8.37	552	290	65.7	32.8	18.8	16.4	9.69	7.04	85.8	1967
1968	5.22	5.21	5.10	4.69	133	167	88.4	19.8	108	49.0	---	---	---	1968
1969	8.31	5.66	4.90	---	---	117	58.4	55.9	42.9	25.8	12.1	8.25	---	1969
1970	6.83	5.84	5.20	6.84	183	168	---	164	138	96.8	30.5	19.3	---	1970
1971	14.9	12.0	9.26	---	---	144	36.5	48.6	55.0	30.0	9.52	5.09	---	1971
1972	4.53	4.26	3.86	3.64	204	196	96.4	44.3	26.7	14.3	11.2	7.43	51.6	1972
1973	5.08	3.75	3.88	15.6	413	98.3	54.0	76.7	48.6	17.2	4.38	4.85	62.8	1973
1974	4.73	3.71	3.37	3.74	298	194	70.7	45.1	41.5	26.2	15.3	8.65	60.0	1974
1975	7.98	6.58	4.86	5.99	474	149	43.0	75.8	29.5	79.2	19.4	9.40	76.3	1975
1976	7.48	5.69	4.21	33.8	315	120	39.7	68.6	65.6	24.6	8.88	4.80	58.6	1976
1977	6.84	4.42	3.47	5.13	224	81.9	38.8	9.62	8.73	9.09	5.39	3.41	33.7	1977
1978	2.93	2.15	1.66	1.91	209	124	114	46.4	18.7	16.1	8.14	5.07	46.2	1978
1979	4.33	2.50	2.06	2.99	354	151	43.4	24.9	16.8	13.2	5.81	3.98	52.5	1979
1980	2.91	2.43	2.17	34.9	177	59.4	26.0	11.0	26.0	27.1	6.69	3.58	31.8	1980
1981	2.48	2.05	1.88	2.42	228	69.6	77.1	28.5	37.0	114	37.1	21.2	52.0	1981
1982	8.28	4.44	3.44	3.84	449	296	87.7	154	167	81.0	25.6	20.5	109	1982
MEAN	6.68	5.09	4.23	8.86	293	159	64.4	53.5	49.5	38.6	14.3	8.93	59.0	MEAN

LOCATION - LAT 62 38 50 N DRAINAGE AREA, 21 600 km²
LONG 122 54 15 W NATURAL FLOW

WILLOWLAKE RIVER NEAR THE MOUTH - STATION NO. 10GB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	5.18B ON APR 21	---	1964
1965	510 AT 09:40 MST ON JUN 15	504 ON JUN 15	---	---	1965
1966	---	654 ON MAY 29	1.42B ON MAR 8 *	1 480 000	1966
1967	---	974B ON MAY 14	5.69B ON DEC 31	2 710 000	1967
1968	311 AT 04:00 MST ON JUN 29	289 ON JUN 29	4.50B ON MAY 2	---	1968
1969	---	---	---	---	1969
1970	---	399 ON AUG 20	4.67B ON APR 8	---	1970
1971	---	---	4.64B ON DEC 27	---	1971
1972	---	595B ON MAY 26	3.54B ON APR 8	1 630 000	1972
1973	---	850A ON MAY 7	3.23B ON MAR 6	1 980 000	1973
1974	1 100 AT 20:00 MST ON MAY 15	1 050 ON MAY 15	3.31B ON MAR 6	1 890 000	1974
1975	858E ON MAY 8	858E ON MAY 8	4.28B ON MAR 31	2 400 000	1975
1976	---	595B ON MAY 2	3.85B ON APR 2	1 850 000	1976
1977	456 AT 16:10 MST ON MAY 16	450 ON MAY 15	3.37B ON FEB 23	1 060 000	1977
1978	411 AT 03:20 MST ON MAY 6	402 ON MAY 6	1.42B ON APR 3	1 460 000	1978
1979	750 AT 15:50 MST ON MAY 16	744 ON MAY 16	1.95B ON APR 1	1 660 000	1979
1980	370 AT 04:50 MST ON MAY 2	344 ON MAY 2	2.10B ON MAR 24	1 000 000	1980
1981	---	648 ON MAY 9	1.85B ON MAR 21	1 640 000	1981
1982	1 250 AT 16:18 MST ON MAY 21 *	1 240 ON MAY 21 *	3.30B ON APR 2	3 440 000	1982
				1 860 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WRIGLEY RIVER NEAR THE MOUTH - STATION NO. 10HB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	2.57	1.14	0.258	0.007	---	1976
1977	---	---	---	---	---	---	4.87R	0.816R	0.787R	0.623R	0.310R	0.054R	---	1977
1978	0	0	0	0.196	16.0	11.1	29.5	3.27	2.18	1.07	0.223	0.125	5.37	1978
1979	0	0	0	0.528	28.9	5.79	6.41	3.71	2.20	2.15	0.324	0.010	4.23	1979
1980	0	0	0	2.73	17.9	6.09	3.72	11.9	8.47	3.01	0.672	0.020	4.57	1980
1981	0	0	0	0.534	22.4	2.29	5.80	2.61	1.73	3.85	0.593	0.100	3.38	1981
1982	0	0	0	0.614	56.6	34.4	18.3	41.2	27.8	7.83	1.03	0.682	15.8	1982
MEAN	0	0	0	0.920	28.4	11.9	11.4 R	10.6 R	6.53 R	2.81 R	0.487R	0.143R	6.67	MEAN

LOCATION - LAT 63 11 30 N, LONG 123 41 30 W DRAINAGE AREA, 1 260 km^2 NATURAL FLOW

R - REVISED SINCE JAN 1980

WRIGLEY RIVER NEAR THE MOUTH - STATION NO. 10HB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	274 A AT 19:00 MST ON JUL 24	164 E ON JUL 25	0B ON JAN 1 *	169 000	1978
1979	---	78.4B ON MAY 16	0B ON JAN 1	133 000	1979
1980	84.1 ON AUG 12	83.2E ON AUG 4	0B ON JAN 1	145 000	1980
1981	---	75.8B ON MAY 4	0B ON JAN 1	106 000	1981
1982	306 AT 18:17 MST ON AUG 11 *	229 ON AUG 12 *	0B ON JAN 1	499 000	1982
				210 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO. 07SB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	15.5	13.3	12.6	11.1	12.7	14.4	13.6	15.3	16.4	15.6	---	---	---	1939
1940	12.4	11.6	10.7	10.1	10.9	13.1	13.3	---	---	---	---	---	---	1940
1941	---	23.3	19.1	15.2	16.3	31.8	65.1	51.2	32.5	23.2	19.4	16.6	---	1941
1942	15.0	12.8	12.5	14.5	18.6	19.5	15.1	19.0	19.9	20.2	19.5	17.4	17.0	1942
1943	14.8	13.7	14.7	21.0	20.3	17.0	16.1	18.9	24.2	23.5	23.4	23.4	19.3	1943
1944	21.6	18.6	15.9	14.9	19.7	21.4	49.5	47.3	33.3	25.5	21.1	18.6	25.7	1944
1945	16.2	13.9	12.0	10.6	10.7	15.8	15.2	14.0	16.8	20.8	22.0	21.7	15.8	1945
1946	18.8	16.0	13.6	11.8	25.1	33.6	28.9	29.1	24.0	20.9	17.1	15.5	21.2	1946
1947	15.6	13.9	13.8	13.8	20.4	22.6	16.7	41.8	33.7	25.7	23.2	20.8	21.9	1947
1948	18.6	16.0	15.3	13.5	16.8	18.2	17.0	30.0	39.1	46.6	48.1	43.4	26.9	1948
1949	36.7	28.6	22.9	19.1	23.5	33.6	54.6	48.7	31.8	23.6	19.1	15.7	29.9	1949
1950	15.0	14.8	15.6	15.7	18.4	19.9	17.7	18.2	22.1	19.1	16.0	14.0	17.2	1950
1951	11.9	10.6	13.0	12.7	15.3	18.1	24.1	36.6	29.8	25.5	22.4	18.7	20.0	1951
1952	15.9	18.1	15.8	15.8	39.0	66.3	67.3	51.9	46.0	38.8	32.6	28.6	36.4	1952
1953	25.3	22.2	18.3	15.1	16.8	18.2	15.6	15.9	21.8	23.7	28.0	31.9	21.1	1953
1954	28.5	24.1	21.1	17.2	23.2	31.6	29.4	36.0	28.6	24.7	22.4	21.7	25.7	1954
1955	21.0	19.2	17.9	17.1	20.1	32.0	60.5	45.1	33.6	26.1	22.0	19.1	27.9	1955
1956	17.0	15.4	15.0	14.3	14.3	16.3	14.3	21.0	24.4	24.4	25.3	23.9	18.8	1956
1957	21.9	19.7	17.3	16.1	18.3	26.3	65.2	79.4	59.9	43.7	33.9	28.3	36.0	1957
1958	24.9	21.1	18.3	16.0	35.5	49.5	58.0	48.2	46.3	42.1	37.1	33.2	36.0	1958
1959	27.7	24.8	20.3	17.9	24.3	47.1	70.8	78.6	68.9	62.3	55.7	47.5	45.6	1959
1960	39.7	32.0	25.8	21.5	35.9	62.1	81.6	55.9	38.0	28.3	23.9	21.3	38.9	1960
1961	19.6	17.3	16.4	15.4	18.6	23.5	22.2	30.1	23.0	18.0	14.7	13.7	19.4	1961
1962	14.4	14.2	13.7	14.0	13.2	16.6	17.5	26.7	29.3	23.1	19.3	17.0	18.2	1962
1963	14.9	16.3	18.8	16.2	18.6	22.8	81.8	85.5	81.3	68.7	61.3	55.7	45.4	1963
1964	49.3	41.5	33.5	28.2	44.2	69.2	89.5	72.7	51.1	38.1	29.5	24.7	47.7	1964
1965	21.2	16.6	15.9	15.2	15.8	20.4	47.1	43.6	27.2	20.6	17.6	15.5	23.1	1965
1966	15.3	16.9	16.0	16.1	21.1	29.1	47.5	37.9	25.4	20.4	16.8	16.8	23.4	1966
1967	19.5	17.0	17.2	16.7	16.6	38.5	40.3	49.6	33.2	28.5	28.4	28.0	27.9	1967
1968	26.1	22.8	21.4	20.8	24.0	43.5	74.4	68.7	59.4	51.1	43.5	37.2	41.2	1968
1969	30.9	25.1	19.7	18.4	28.7	29.4	22.2	21.5	56.7	72.9	66.7	56.1	37.4	1969
1970	49.9	35.9	27.3	22.8	29.5	36.1	35.7	54.9	61.2	64.1	63.5	54.9	44.7	1970
1972	32.9	37.0	39.6	22.1	26.9	37.6	44.3	52.9	46.8	42.0	38.7	31.7	37.8	1972
1973	36.4	32.4	31.8	26.0	35.4	37.9	46.6	52.0	48.5	44.1	40.2	36.4	39.0	1973
1974	32.7	15.8	11.3	6.86	15.5	23.1	29.1	53.7	64.5	60.2	55.0	52.6	35.2	1974
1975	51.5	48.6	44.8	41.0	56.5	67.3	65.4	55.3	46.9	42.0	35.8	23.4	48.2	1975
1976	26.1	23.3	---	---	25.8	27.7	10.4	7.13	21.4	21.3	28.0	21.1	---	1976
1977	23.9	19.0	17.8	---	11.0	9.91	9.33	15.2	23.5	11.8	13.4	10.8	---	1977
1978	11.3R	10.6R	12.9R	8.03R	10.8R	12.6 R	11.1 R	14.9 R	20.9 R	17.0R	14.0R	12.2 R	13.0R	1978
1979	11.4	10.3	13.1	14.1	14.2	15.4	36.5	27.4	21.6	17.0	14.1	12.8	17.4	1979
1980	12.1R	16.0R	14.4R	14.1 R	20.9R	21.2 R	17.6 R	13.8 R	14.3 R	13.2R	14.2R	14.0 R	15.5R	1980
1981	15.4	13.6	13.5	12.1	13.2	11.8	9.86	7.78	9.09	13.1	11.4	9.57	11.7	1981
MEAN	23.1R	20.3R	18.6R	16.6 R	21.8R	29.1 R	37.3 R	38.9 R	35.5 R	31.5R	29.0R	25.6 R	28.3	MEAN

LOCATION - LAT 62 40 10 N
LONG 114 15 45 W

DRAINAGE AREA, 11 300 km²
REGULATED SINCE 1941

DATA CONTRIBUTED BY -
COMINCO LIMITED

R - REVISED SINCE JAN 1980

REMARKS - CONTRIBUTED DATA AVAILABLE FROM CONICO MINES

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO. 07SB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	16.7 ON AUG 29	10.2 ON APR 23	---	1939
1940	---	---	9.15 ON APR 25	---	1940
1941	---	79.3 ON JUL 16	13.2 ON MAY 18	---	1941
1942	---	33.7 ON SEP 11	8.72B ON FEB 22	537 000	1942
1943	---	28.3 ON APR 24	4.13 ON JUL 2	608 000	1943
1944	---	58.3 ON JUL 18	12.7 B ON APR 6	813 000	1944
1945	---	22.9 ON OCT 26	8.95B ON MAY 8	499 000	1945
1946	---	36.0 ON JUN 10	10.9 B ON APR 21	670 000	1946
1947	---	49.0 ON AUG 12	12.7 B ON APR 7	690 000	1947
1948	---	50.1 ON NOV 6	12.9 B ON APR 21	851 000	1948
1949	---	69.7 ON JUL 23	13.4 B ON DEC 28	942 000	1949
1950	---	24.0 ON SEP 2	11.2 B ON DEC 25	543 000	1950
1951	---	41.1 ON AUG 6	7.87B ON FEB 8	630 000	1951
1952	---	79.9 ON JUN 20	14.7 B ON MAR 28	1 150 000	1952
1953	---	38.8B ON DEC 30	4.50B ON APR 9	664 000	1953
1954	---	37.7 ON AUG 9	15.3 B ON MAY 2	812 000	1954
1955	---	69.4 ON JUL 6	13.9 B ON MAY 7	879 000	1955
1956	---	29.4 ON SEP 25	7.45 ON AUG 5	595 000	1956
1957	---	90.9 ON JUL 30	14.2 ON MAY 6	1 130 000	1957
1958	---	60.9 ON JUL 12	12.4 B ON MAY 3	1 130 000	1958
1959	---	91.2 ON JUL 29	15.7 B ON MAY 8	1 440 000	1959
1960	---	94.0 ON JUL 5	19.1 ON MAY 11	1 230 000	1960
1961	---	32.3 ON AUG 4	13.0 B ON DEC 10	611 000	1961
1962	---	36.2 ON AUG 22	8.50 ON JUL 17	576 000	1962
1963	---	96.3 ON JUL 26	14.0 B ON JAN 31	1 430 000	1963
1964	---	97.4 ON JUL 26 *	22.8 ON DEC 28	1 510 000	1964
1965	---	62.9 ON JUL 21	13.2 ON MAR 9	730 000	1965
1966	---	56.1 ON JUL 17	12.4 ON DEC 15	737 000	1966
1967	---	56.9 ON AUG 3	16.5 ON FEB 22	879 000	1967
1968	---	85.8 ON JUL 20	18.5 ON MAR 1	1 300 000	1968
1969	---	74.8 ON OCT 15	12.4 ON APR 18	1 180 000	1969
1970	---	66.5 ON NOV 1	22.2 ON APR 19	1 410 000	1970
1972	---	55.2 ON JUL 31	17.8 ON MAY 3	1 190 000	1972
1973	---	53.0 ON AUG 9	16.1 ON APR 30	1 230 000	1973
1974	---	70.8 ON SEP 5	6.51 ON MAY 3	1 110 000	1974
1975	---	74.5 ON JUN 27	17.8 ON DEC 12	1 520 000	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	24.3R ON SEP 6	7.07R ON APR 26	411 000R	1978
1979	---	61.0 ON JUL 20	8.81 ON FEB 12	549 000	1979
1980	---	23.0R ON JUN 8	3.37R ON SEP 17	490 000R	1980
1981	---	16.7 ON JAN 6	1.64 ON SEP 23 *	369 000	1981
				893 000R	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

YELLOWKNIFE RIVER AT OUTLET BLUEFISH LAKE DAM - STATION NO. 07SB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	13.5	9.03	5.15	6.81	23.4	57.9	42.1	22.1	12.8	9.00	6.12	---	1941
1942	4.25	2.97	2.76	3.73	7.97	9.15	4.74	8.51	9.68	9.52	9.06	7.24	6.65	1942
1943	4.00	2.68	2.93	9.50	9.46	8.44	7.05	10.6	17.0	16.1	14.9	14.0	9.75	1943
1944	12.4	9.12	6.46	6.70	12.3	15.5	44.4	41.7	26.7	17.6	12.2	9.36	17.9	1944
1945	7.01	4.95	3.24	1.87	3.02	9.77	9.82	8.16	9.06	11.6	11.9	11.6	7.68	1945
1946	8.58	5.75	3.48	1.90	15.5	25.3	21.0	20.2	14.2	9.66	5.26	3.67	11.2	1946
1947	3.71	1.90	1.71	2.18	8.68	11.0	5.19	30.0	22.0	14.3	11.6	9.42	10.2	1947
1948	7.39	4.72	4.00	2.45	6.41	8.15	6.46	19.1	28.1	35.1	36.9	31.8	15.9	1948
1949	25.1	17.1	11.5	8.02	12.2	22.8	43.5	37.5	29.4	13.9	6.54	3.23	19.3	1949
1950	2.51	2.39	2.96	3.20	5.95	7.55	5.56	6.29	9.74	6.53	3.52	2.20	4.87	1950
1951	2.18	2.02	2.17	2.33	3.14	5.78	12.1	24.1	17.3	13.0	9.85	6.28	8.40	1951
1952	3.46	5.74	3.40	3.44	26.6	53.8	55.1	39.4	33.5	26.2	20.0	16.1	24.0	1952
1953	12.9	9.69	5.87	3.55	4.29	5.70	3.69	3.83	9.28	11.4	15.5	19.7	8.78	1953
1954	16.1	11.7	8.69	4.83	10.8	19.2	17.0	23.9	16.1	12.2	9.90	9.32	13.3	1954
1955	8.59	6.86	5.60	4.74	7.70	19.6	48.4	32.6	21.1	13.5	9.55	6.75	15.5	1955
1956	4.76	3.13	2.67	1.98	1.96	4.01	2.23	8.99	12.1	12.0	13.0	11.6	6.54	1956
1957	9.60	7.50	5.06	3.86	5.98	14.3	53.1	67.2	47.5	---	---	---	---	1957
MEAN	8.28	6.57	4.80	4.08	8.75	15.5	23.4	25.0	20.3	14.7	12.4	10.5	12.0	MEAN

LOCATION - LAT 62 41 00 N
LONG 114 16 00 W   REGULATED

DATA CONTRIBUTED BY -
COMINCO LIMITED

YELLOWKNIFE RIVER AT OUTLET BLUEFISH LAKE DAM - STATION NO. 07SB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	71.1 ON JUL 16	4.13 ON MAY 9	---	1941
1942	---	23.5 ON SEP 11	0.481 ON SEP 15 *	210 000	1942
1943	---	19.3 ON SEP 13	1.27 B ON JAN 28	307 000	1943
1944	---	53.2 ON JUL 18	4.98 ON APR 10	568 000	1944
1945	---	16.7 ON JUL 2	1.42 ON MAY 16	242 000	1945
1946	---	27.0 ON JUN 10	1.56 ON APR 24	355 000	1946
1947	---	37.4 ON AUG 18	1.39 ON APR 5	321 000	1947
1948	---	38.8 ON NOV 9	2.07 ON APR 15	503 000	1948
1949	---	58.0 ON JUL 23	2.63 ON DEC 29	608 000	1949
1950	---	15.9 ON SEP 3	2.07 ON DEC 5	154 000	1950
1951	---	28.9 ON AUG 6	1.93 ON FEB 7	265 000	1951
1952	---	67.4 ON JUN 20	2.24 ON APR 2	758 000	1952
1953	---	28.9 ON DEC 30	1.61 ON APR 26	277 000	1953
1954	---	25.1 ON AUG 9	2.94 ON MAY 2	420 000	1954
1955	---	57.2 ON JUL 6	1.50 ON MAY 7	490 000	1955
1956	---	17.1 ON SEP 25	1.42 ON APR 4	207 000	1956
1957	---	78.7 ON JUL 30 *	1.93 ON MAY 6	---	1957
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		379 000	MEAN

YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE - STATION NO. 07SB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	113	92.4	83.9	70.1	57.1	43.4	---	1937
1938	36.4	29.5	24.2	19.9	22.2	33.5	34.2	36.4	36.3	27.6	19.8	20.3	28.4	1938
1939	18.8	16.9	15.7	13.8	15.4	16.9	15.7	15.8	18.7	18.1	16.4	---	---	1939
1940	14.5	13.6	12.6	12.0	12.8	15.4	15.7	19.8	32.8	---	---	---	---	1940
MEAN	23.2	20.0	17.5	15.2	16.8	21.9	44.7	41.1	42.9	38.6	31.1	31.9	28.4	MEAN

LOCATION - LAT 62 34 00 N DRAINAGE AREA, 16 300 km^2
LONG 114 13 00 W NATURAL FLOW

YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE - STATION NO. 07SB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	124 ON JUL 4 *	---	---	1937
1938	---	38.5E ON AUG 30	18.1B ON APR 25	894 000	1938
1939	---	19.7 ON SEP 19	13.4E ON APR 20	---	1939
1940	---	---	11.7 ON APR 21 *	---	1940
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		894 000	MEAN

YELLOWKNIFE RIVER POWER DIVERSION AT SITE Y2 - STATION NO. 07SB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	9.71	10.1	10.1	9.51	8.36	7.16	9.11	10.4	10.4	10.4	10.5	---	1941
1942	10.7	9.85	9.69	10.7	10.6	10.4	10.3	10.5	10.2	10.7	10.5	10.2	10.4	1942
1943	10.8	11.0	11.8	11.5	10.9	8.60	9.01	8.40	7.26	7.43	8.47	9.37	9.53	1943
1944	9.24	9.52	9.42	8.19	7.38	5.89	5.18	5.63	6.65	7.92	8.88	9.24	7.76	1944
1945	9.16	8.99	8.81	8.79	7.70	6.05	5.34	5.86	7.70	9.14	10.2	10.1	8.15	1945
1946	10.2	10.2	10.1	9.94	9.61	8.29	7.96	8.84	9.80	11.2	11.9	11.8	9.99	1946
1947	11.9	12.0	12.1	11.6	11.7	11.6	11.5	11.8	11.7	11.4	11.6	11.4	11.7	1947
1948	11.2	11.3	11.3	11.1	10.4	10.1	10.5	11.0	11.0	11.5	11.2	11.6	11.0	1948
1949	11.6	11.5	11.4	11.0	11.3	10.9	11.1	11.3	2.43	9.70	12.5	12.5	10.6	1949
1950	12.4	12.4	12.6	12.5	12.5	12.4	12.0	11.9	12.3	12.5	12.5	11.8	12.3	1950
1951	9.72	8.60	10.9	10.4	12.1	12.3	12.0	12.4	12.5	12.5	12.5	12.5	11.6	1951
1952	12.5	12.4	12.4	12.3	12.5	12.4	12.2	12.5	12.4	12.6	12.6	12.5	12.4	1952
1953	12.4	12.5	12.5	11.5	12.5	12.5	11.9	12.1	12.6	12.3	12.6	12.1	12.3	1953
1954	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.2	12.5	12.5	12.5	12.4	12.4	1954
1955	12.3	12.3	12.3	12.3	12.4	12.3	12.1	12.4	12.4	12.5	12.5	12.4	12.4	1955
1956	12.3	12.3	12.3	12.4	12.3	12.3	12.1	12.0	12.3	12.4	12.4	12.2	12.3	1956
1957	12.3	12.2	12.2	12.3	12.3	12.1	12.1	12.3	12.4	---	---	---	---	1957
MEAN	11.3	11.1	11.3	11.1	11.1	10.5	10.3	10.6	10.4	11.0	11.5	11.4	11.0	MEAN

LOCATION - LAT 62 40 00 N
LONG 114 16 00 W REGULATED

DATA CONTRIBUTED BY -
COMINCO LIMITED

YELLOWKNIFE RIVER POWER DIVERSION AT SITE Y2 - STATION NO. 07SB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	11.5 ON OCT 1	0 ON JUL 25 *	---	1941
1942	---	11.6 ON FEB 5	5.66 ON JUL 1	327 000	1942
1943	---	12.4 ON MAR 11	0 ON JUL 2	301 000	1943
1944	---	10.1 ON MAR 15	0 ON JUL 1	245 000	1944
1945	---	10.9 ON NOV 12	1.53 ON JUL 2	257 000	1945
1946	---	12.4 ON DEC 16	3.20 ON JUN 30	315 000	1946
1947	---	12.6 ON JAN 30	5.32 ON JUL 1	369 000	1947
1940	---	13.1 ON OCT 2 *	5.18 ON SEP 6	348 000	1948
1949	---	12.7 ON NOV 6	0 ON SEP 7	335 000	1949
1950	---	12.7 ON MAR 13	6.91 ON SEP 3	389 000	1950
1951	---	12.6 ON AUG 28	5.95 ON FEB 8	365 000	1951
1952	---	12.7 ON SEP 16	7.39 ON JUL 20	394 000	1952
1953	---	12.7 ON NOV 16	0.595 ON APR 9	387 000	1953
1954	---	12.5 ON JAN 9	7.11 ON AUG 1	391 000	1954
1955	---	12.6 ON SEP 4	5.83 ON JUL 31	390 000	1955
1956	---	12.6 ON SEP 14	4.81 ON AUG 5	388 000	1956
1957	---	12.4 ON JUN 2	5.66 ON JUN 30	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		347 000	MEAN

ZED CREEK NEAR INUVIK - STATION NO. 10ND003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	3.99	3.25	2.56	---	---	---	---	1978
1979	0	0	0	0	0	1.91	2.30	1.67	1.76	1.63	0.961	0.033	0.860	1979
1980	0	0	0	0	0	2.28	3.47	2.72	2.26	2.09	1.02	0.010	1.16	1980
1981	0	0	0	0	0	2.96	3.52	2.73	2.26	1.85	0.767	0.103	1.19	1981
1982	0	0	0	0	0	2.04	2.05	3.24	2.56	1.53	0.158	0.006	0.971	1982
MEAN	0	0	0	0	0	2.30	3.07	2.72	2.28	1.78	0.727	0.038	1.05	MEAN

LOCATION - LAT 68 57 10 N
LONG 133 23 00 W NATURAL FLOW

ZED CREEK NEAR INUVIK - STATION NO. 10ND003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	4.25 ON JUL 16	---	---	1978
1979	2.77 AT 19:00 MST ON JUN 26	2.60 ON JUN 27	0B ON JAN 1 *	27 100	1979
1980	4.30 AT 11:00 MST ON JUN 30 *	4.28 ON JUN 30	0B ON JAN 1	36 600	1980
1981	---	4.42E ON JUN 26 *	0B ON JAN 1	37 500	1981
1982	---	4.10E ON JUN 15	0B ON JAN 1	30 600	1982
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		33 000	MEAN

YUKON TERRITORY

NAME	STATION NO.	PAGE
AISHIHIK RIVER BELOW AISHIHIK LAKE	08AA010	1
AISHIHIK RIVER NEAR WHITEHORSE	08AA001	1
ALSEK RIVER ABOVE BATES RIVER	08AB001	2
BABBAGE RIVER BELOW CARIBOU CREEK	10MD002	3
BEAVER RIVER BELOW WHITEFISH RIVER	10BD001	3
BIG CREEK NEAR THE MOUTH	09AH003	3
BIG SALMON RIVER NEAR CARMACKS	09AG001	4
BONNET PLUME RIVER ABOVE GILLESPIE CREEK	10MB004	5
CLINTON CREEK ABOVE WOLVERINE CREEK	09EC001	5
DEZADEASH RIVER AT HAINES JUNCTION	08AA003	5
DONJEK RIVER BELOW KLUANE RIVER	09CA003	6
DUKE RIVER NEAR THE MOUTH	09CA004	6
EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE	09FB002	7
FIRTH RIVER NEAR THE MOUTH	10MD001	7
FORTYMILE RIVER NEAR THE MOUTH	09EC002	8
FRANCES RIVER NEAR WATSON LAKE	10AB001	8
GILTANA CREEK NEAR THE MOUTH	08AA009	9
HESS RIVER ABOVE EMERALD CREEK	09DA001	9
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POOR

QUALITY

ORIGINAL